

# WIPO



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WORLD INTELLECTUAL PROPERTY ORGANIZATION  
GENEVA

SPECIAL UNION FOR THE INTERNATIONAL PATENT CLASSIFICATION  
(IPC UNION)

COMMITTEE OF EXPERTS

Thirty-Sixth Session  
Geneva, February 14 to 18, 2005

AMENDMENTS TO THE IPC EMANATING FROM REVISION PROJECTS

*Document prepared by the Secretariat*

1. The amendments to the IPC contained in the Technical Annexes to this document have been approved by the IPC Revision Working Group at its ninth to twelfth sessions and are herewith submitted to the Committee of Experts for adoption. These amendments concern the following IPC classes and subclasses:

<u>Area</u>	<u>Annex</u>	<u>Project</u>	<u>Area</u>	<u>Annex</u>	<u>Project</u>
A01F	1	426	D21H	13	431
A61K	2	412	E01D	14	428
A62D	3	430	E04G	15	428
B09B	4	430	F02D	16	388
B31B	5	427	F16D	17	388
B60K	6	388	F16H	18	388
B60L	7	388	G01G	19	429
B60T	8	388	G05D	20	388
B60W	9	388	G06	21	424
B81B	10	384	G06F	22	424
B82B	11	384	G06Q	23	424
C09K	12	430	G08G	24	388



3. The IPC Revision Working Group reconsidered the amendments proposed under Project C 424 which had been referred back by the Committee of Experts (see document IPC/CE/34/10, paragraph 12) and agreed to make certain changes to those amendments, in particular to create main group G06Q 90/00 and to modify accordingly Note (1) following the subclass title. Revised amendments are presented in Technical Annex 23 to this document.

4. The IPC Revision Working Group noted that the subdivision of new group A61K 8/89 (see Technical Annex 5 to document IPC/CE/34/12) according to “substituents in the side groups of the backbone” could lead to confusion and inconsistency in the classification scheme and decided that this subdivision should be done simply according to the “substituents”. The amended titles of subgroups of group A61K 8/89 appear in Technical Annex 2 to this document.

*5. The Committee of Experts is invited to adopt the amendments to the IPC proposed in Technical Annexes 1 to 24 to this document.*

[Technical Annexes follow]

## TECHNICAL ANNEXES

ANNEX	1	A 01 F	[Project-Rapporteur : 426/SE]	<CE36013E>
	<b>Title</b>	<b>THRESHING; BALING OF STRAW, HAY OR THE LIKE; STATIONARY APPARATUS OR HAND TOOLS FOR FORMING OR BINDING STRAW OR HAY INTO BUNDLES; CUTTING OF HAY, STRAW OR THE LIKE; STORING AGRICULTURAL OR HORTICULTURAL PRODUCE</b>		
	Subclass index	<== Details <span style="float: right;">12/00</span>		
		BALING OF STRAW, HAY OR THE --- ACCESSORIES FOR THRESHING ==>		
	<b>Guidance Heading before 13/00</b>	<b><u>Baling of straw, hay or the ---</u></b>		
	29/00	<Unchanged>		

ANNEX	2	A 61 K	[Project-Rapporteur : 412/EP]	<CE36048E>
N	8/891	• • • • •	<i>saturated, e.g. dimethicone, phenyl trimethicone, C24-C28 methicone or stearyl dimethicone</i>	
N	8/892	• • • • •	<i>modified by a hydroxy group, e.g. dimethiconol</i>	
N	8/893	• • • • •	<i>modified by an alkoxy or aryloxy group, e.g. behenoxy dimethicone or stearoxy dimethicone</i>	
N	8/894	• • • • •	<i>modified by a polyoxyalkylene group, e.g. cetyl dimethicone copolyol</i>	
N	8/895	• • • • •	<i>containing silicon bound to unsaturated aliphatic groups, e.g. vinyl dimethicone</i>	
N	8/896	• • • • •	<i>containing atoms other than silicon, carbon, oxygen and hydrogen, e.g. dimethicone copolyol phosphate</i>	
N	8/897	• • • • •	<i>containing halogen, e.g. fluorosilicones</i>	

- N* 8/898      • • • • • • *containing nitrogen, e.g. amodimethicone, trimethyl silyl amodimethicone or dimethicone propyl PG-betaine*
- N* 8/899      • • • • • • *containing sulfur, e.g. sodium PG-propyldimethicone thiosulfate copolyol*

**ANNEX 3      A 62 D      [Project-Rapporteur : 430/EP]      <CE36004E>**

**Title      CHEMICAL MEANS FOR EXTINGUISHING FIRES; PROCESSES FOR MAKING HARMFUL CHEMICAL SUBSTANCES HARMLESS, OR LESS HARMFUL, BY EFFECTING A CHEMICAL CHANGE; COMPOSITION OF MATERIALS FOR COVERINGS OR CLOTHING FOR PROTECTING AGAINST HARMFUL CHEMICAL AGENTS; COMPOSITION OF MATERIALS FOR TRANSPARENT PARTS OF GAS-MASKS, RESPIRATORS, BREATHING BAGS OR HELMETS; COMPOSITION OF CHEMICAL MATERIALS FOR USE IN – – –**

**3/00      Processes for making harmful chemical substances harmless, or less harmful, by effecting a chemical change in the substances (consuming noxious gases by combustion [F 23 G 7/06](#))**

**ANNEX 4      B 09 B      [Project-Rapporteur : 430/EP]      <CE36005E>**

Note(s) after the title

<== adapted for refuse

[A 62 D 3/00](#)      Processes for making harmful chemical substances harmless, or less harmful, by effecting a chemical change in the substances

[B 01 D 53/34](#)      Chemical or ==>

[B 02 C 18/00](#)      Disintegrating by – – – or tearing members which chop material into fragments

[B 03 B 7/00](#)      Combinations of ==>

<== or the like

*N*      [C 04 B 33/132](#)      *Waste materials or refuse used as compounding ingredients for clay-wares*

[C 05 F](#)      Fertilisers from ==>

<Text deleted>

**F 23 G** Consuming waste ==>

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**ANNEX 5 B 31 B [Project-Rapporteur : 427/EP] <CE36002E>**

	Note(s) after the title	<Delete former note (3)>
D	Note(s) before 3/00	<Deleted>
D	3/04-3/12	(covered by 3/02)
D	3/16-3/24	(covered by 3/14)
D	3/25	(covered by 3/00)
D	3/38-3/42	(covered by 3/36)
D	3/54	(covered by 3/52)
D	3/56-3/58	(covered by 3/26)
D	3/62	(covered by 3/60)
D	3/66	(covered by 3/64)
D	3/68-3/70	(covered by 3/60)
D	3/76-3/98	(covered by 3/74)
D	5/04-5/12	(covered by 5/02)
D	5/16-5/24	(covered by 5/14)
D	5/25	(covered by 5/00)
D	5/28-5/34	(covered by 5/26)
D	5/38-5/42	(covered by 5/36)
D	5/44-5/58	(covered by 5/26)
D	5/62-5/72	(covered by 5/60)
D	5/82-5/98	(covered by 5/74)
D	7/04-7/12	(covered by 7/02)
D	7/16-7/24	(covered by 7/14)
D	7/25	(covered by 7/00)
D	7/34	(covered by 7/30)
D	7/36-7/42	(covered by 7/26)
D	7/48-7/50	(covered by 7/46)
D	7/52-7/58	(covered by 7/26)

D	7/62-7/72	(covered by <a href="#">7/60</a> )
D	7/76-7/98	(covered by <a href="#">7/74</a> )
D	9/04-9/12	(covered by <a href="#">9/02</a> )
D	9/16-9/24	(covered by <a href="#">9/14</a> )
D	9/25	(covered by <a href="#">9/00</a> )
D	9/28-9/58	(covered by <a href="#">9/26</a> )
D	9/62-9/72	(covered by <a href="#">9/60</a> )
D	9/76-9/98	(covered by <a href="#">9/74</a> )
D	11/04-11/12	(covered by <a href="#">11/02</a> )
D	11/16-11/24	(covered by <a href="#">11/14</a> )
D	11/25	(covered by <a href="#">11/00</a> )
D	11/28-11/58	(covered by <a href="#">11/26</a> )
D	11/62-11/72	(covered by <a href="#">11/60</a> )
D	11/76-11/98	(covered by <a href="#">11/74</a> )
D	13/04-13/12	(covered by <a href="#">13/02</a> )
D	13/16-13/24	(covered by <a href="#">13/14</a> )
D	13/25	(covered by <a href="#">13/00</a> )
D	13/36-13/58	(covered by <a href="#">13/26</a> )
D	13/62-13/72	(covered by <a href="#">13/60</a> )
D	13/76-13/98	(covered by <a href="#">13/74</a> )
D	15/04-15/12	(covered by <a href="#">15/02</a> )
D	15/16-15/24	(covered by <a href="#">15/14</a> )
D	15/25	(covered by <a href="#">15/00</a> )
D	15/28-15/58	(covered by <a href="#">15/26</a> )
D	15/62-15/72	(covered by <a href="#">15/60</a> )
D	15/76-15/98	(covered by <a href="#">15/74</a> )
D	17/04-17/12	(covered by <a href="#">17/02</a> )
D	17/16-17/24	(covered by <a href="#">17/14</a> )
D	17/25	(covered by <a href="#">17/00</a> )
D	17/34	(covered by <a href="#">17/30</a> )
D	17/36-17/42	(covered by <a href="#">17/26</a> )
D	17/48-17/50	(covered by <a href="#">17/46</a> )
D	17/54	(covered by <a href="#">17/52</a> )
D	17/56-17/58	(covered by <a href="#">17/26</a> )

D	17/62-17/72	(covered by <a href="#">17/60</a> )
D	17/76-17/98	(covered by <a href="#">17/74</a> )
	Note(s) before 19/00	<Delete former note (1)>
		Machinery for making ---
D	19/04-19/08	(covered by <a href="#">19/02</a> )
D	19/12	(covered by <a href="#">19/02</a> )
D	19/22-19/24	(covered by <a href="#">19/20</a> )
D	19/25	(covered by <a href="#">19/00</a> )
D	19/28-19/34	(covered by <a href="#">19/26</a> )
D	19/38-19/42	(covered by <a href="#">19/36</a> )
D	19/44-19/50	(covered by <a href="#">19/26</a> )
D	19/54	(covered by <a href="#">19/52</a> )
D	19/56-19/58	(covered by <a href="#">19/26</a> )
D	19/70	(covered by <a href="#">19/68</a> )
D	19/72	(covered by <a href="#">19/60</a> )
D	19/76-19/80	(covered by <a href="#">19/74</a> )
D	21/04-21/12	(covered by <a href="#">21/02</a> )
D	21/16-21/24	(covered by <a href="#">21/14</a> )
D	21/25	(covered by <a href="#">21/00</a> )
D	21/28-21/58	(covered by <a href="#">21/26</a> )
D	21/62-21/72	(covered by <a href="#">21/60</a> )
D	21/76-21/98	(covered by <a href="#">21/74</a> )
D	23/04-23/12	(covered by <a href="#">23/02</a> )
D	23/16-23/24	(covered by <a href="#">23/14</a> )
D	23/25	(covered by <a href="#">23/00</a> )
D	23/28-23/58	(covered by <a href="#">23/26</a> )
D	23/62-23/72	(covered by <a href="#">23/60</a> )
D	23/76-23/98	(covered by <a href="#">23/74</a> )
D	25/04-25/12	(covered by <a href="#">25/02</a> )
D	25/16-25/24	(covered by <a href="#">25/14</a> )
D	25/25	(covered by <a href="#">25/00</a> )
D	25/28-25/58	(covered by <a href="#">25/26</a> )
D	25/62-25/72	(covered by <a href="#">25/60</a> )



D	25/76-25/98	(covered by <a href="#">25/74</a> )
D	27/04-27/12	(covered by <a href="#">27/02</a> )
D	27/16-27/24	(covered by <a href="#">27/14</a> )
D	27/25	(covered by <a href="#">27/00</a> )
D	27/28-27/58	(covered by <a href="#">27/26</a> )
D	27/62-27/72	(covered by <a href="#">27/60</a> )
D	27/76-27/98	(covered by <a href="#">27/74</a> )
D	29/04-29/12	(covered by <a href="#">29/02</a> )
D	29/16-29/24	(covered by <a href="#">29/14</a> )
D	29/25	(covered by <a href="#">29/00</a> )
D	29/28-29/58	(covered by <a href="#">29/26</a> )
D	29/62-29/72	(covered by <a href="#">29/60</a> )
D	29/76-29/82	(covered by <a href="#">29/74</a> )
D	29/86-29/98	(covered by <a href="#">29/74</a> )
D	31/04-31/12	(covered by <a href="#">31/02</a> )
D	31/16-31/24	(covered by <a href="#">31/14</a> )
D	31/25	(covered by <a href="#">31/00</a> )
D	31/28-31/58	(covered by <a href="#">31/26</a> )
D	31/62-31/72	(covered by <a href="#">31/60</a> )
D	31/76-31/98	(covered by <a href="#">31/74</a> )
D	33/04-33/12	(covered by <a href="#">33/02</a> )
D	33/16-33/24	(covered by <a href="#">33/14</a> )
D	33/25	(covered by <a href="#">33/00</a> )
D	33/28-33/58	(covered by <a href="#">33/26</a> )
D	33/62-33/72	(covered by <a href="#">33/60</a> )
D	33/76-33/98	(covered by <a href="#">33/74</a> )
D	35/04-35/12	(covered by <a href="#">35/02</a> )
D	35/16-35/24	(covered by <a href="#">35/14</a> )
D	35/25	(covered by <a href="#">35/00</a> )
D	35/28-35/58	(covered by <a href="#">35/26</a> )
D	35/62-35/72	(covered by <a href="#">35/60</a> )
D	35/76-35/98	(covered by <a href="#">35/74</a> )
D	37/04-37/12	(covered by <a href="#">37/02</a> )
D	37/16-37/24	(covered by <a href="#">37/14</a> )

D	37/25	(covered by 37/00)
D	37/28-37/58	(covered by 37/26)
D	37/62-37/72	(covered by 37/60)
D	37/76-37/98	(covered by 37/74)
D	39/04-39/12	(covered by 39/02)
D	39/16-39/24	(covered by 39/14)
D	39/25	(covered by 39/00)
D	39/28-39/58	(covered by 39/26)
D	39/62-39/72	(covered by 39/60)
D	39/76-39/82	(covered by 39/74)
D	39/86-39/98	(covered by 39/74)
D	41/04-41/12	(covered by 41/02)
D	41/16-41/24	(covered by 41/14)
D	41/25	(covered by 41/00)
D	41/28-41/58	(covered by 41/26)
D	41/62-41/72	(covered by 41/60)
D	41/76-41/98	(covered by 41/74)

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ANNEX 6

B 60 K [Project-Rapporteur : 388/EP]

<CE36017E>

C **Title** --- **FOR VEHICLES; ARRANGEMENTS IN** ---

Note(s) after  
the title

(1) --- the meanings indicated:

<Text deleted>

- “auxiliary drives” means ==>

- --- elements, e.g. wheels.

<Text deleted>

<Text deleted>

(2) Attention is drawn ==>

Subclass index	<== vehicle speed	31/00
	<Text deleted>	
	INSTRUMENTATION, DASHBOARDS	35/00, ==>
<b>20/00</b>	--- <b>in vehicles</b> (movable cabs having ---	
<b>23/00</b>	--- <b>provided for</b> (movable cabs having ---	
C <b>28/00</b>	--- <i>electrically-propelled vehicles</i> <a href="#">B 60 L 3/00</a> ; <i>road vehicle drive control systems for purposes not related to the control of a particular sub-unit</i> <a href="#">B 60 W 30/00</a> )	
C 28/16	<ul style="list-style-type: none"> <li>• • <i>responsive to, or preventing, spinning or skidding of wheels (brake control systems for vehicle drive stability</i> <a href="#">B 60 T 8/1755</a>; <i>arrangements responsive to a --- force</i> <a href="#">B 60 T 8/32</a>; <i>control of vehicle driving stability otherwise than by controlling the propulsion unit only</i> <a href="#">B 60 W 30/02</a>; <i>preventing wheel ---</i></li> </ul>	
C <b>31/00</b>	<b>Vehicle fittings, acting on a single sub-unit only, for automatically --- vehicle operator</b> (fittings acting on two or more sub-units <a href="#">B 60 W 30/14</a> ; <i>propulsion-unit control ---</i>	
D Line before 41/00	<Deleted>	
D 41/00	(transferred to <a href="#">B 60 W</a> )	
D Note(s) after 41/00	<Deleted>	
D 41/02	(transferred to <a href="#">B 60 W 10/02, 10/04, 20/00 to 50/00</a> )	
D 41/04	(transferred to <a href="#">B 60 W 10/04, 10/10, 20/00 to 50/00</a> )	
D 41/06	(transferred to <a href="#">B 60 W 10/04, 10/10, 20/00 to 50/00</a> )	
D 41/08	(transferred to <a href="#">B 60 W 10/04, 10/10, 20/00 to 50/00</a> )	
D 41/10	(transferred to <a href="#">B 60 W 10/04, 10/10, 20/00 to 50/00</a> )	
D 41/12	(transferred to <a href="#">B 60 W 10/04, 10/10, 20/00 to 50/00</a> )	
D 41/14	(transferred to <a href="#">B 60 W 10/04, 10/10, 20/00 to 50/00</a> )	
D 41/16	(transferred to <a href="#">B 60 W 10/04, 10/10, 20/00 to 50/00</a> )	
D 41/18	(transferred to <a href="#">B 60 W 10/04, 10/10, 20/00 to 50/00</a> )	
D 41/20	(transferred to <a href="#">B 60 W 10/04, 10/18, 20/00 to 50/00</a> )	
D 41/22	(transferred to <a href="#">B 60 W 10/02, 10/10, 20/00 to 50/00</a> )	
D 41/24	(transferred to <a href="#">B 60 W 10/02, 10/18, 20/00 to 50/00</a> )	
D 41/26	(transferred to <a href="#">B 60 W 10/10, 10/18, 20/00 to 50/00</a> )	
D 41/28	(transferred to <a href="#">B 60 W</a> )	

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ANNEX 7 B 60 L [Project-Rapporteur : 388/EP] <CE36018E>

C 11/00 --- common propulsion B 60 K 6/00; control systems specially adapted for hybrid vehicles B 60 W 20/00)

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ANNEX 8 B 60 T [Project-Rapporteur : 388/EP] <CE36019E>

C Title --- THEREOF; BRAKE CONTROL SYSTEMS OR PARTS THEREOF, IN --- general B 60 L; conjoint control of vehicle sub-units of different type or different function, road vehicle drive control systems for purposes other than the control of a particular sub-unit B 60 W; brakes per --- brake actuators, F 16 D); ARRANGEMENT OF BRAKING ELEMENTS ON VEHICLES IN GENERAL; PORTABLE DEVICES FOR PREVENTING UNWANTED MOVEMENT OF VEHICLES; VEHICLE MODIFICATIONS TO FACILITATE COOLING OF BRAKES

N 8/1755 • • Brake regulation specially adapted to control the stability of the vehicle, e.g. taking into account yaw rate or transverse acceleration in a curve (road vehicle drive control systems for control of driving stability otherwise than by controlling a particular sub-unit B 60 W 30/02)

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ANNEX 9 B 60 W [Project-Rapporteur : 388/EP] <CE36012E>

N Title **CONJOINT CONTROL OF VEHICLE SUB-UNITS OF DIFFERENT TYPE OR DIFFERENT FUNCTION; CONTROL SYSTEMS SPECIALLY ADAPTED FOR HYBRID VEHICLES; ROAD VEHICLE DRIVE CONTROL SYSTEMS FOR PURPOSES OTHER THAN THE CONTROL OF A PARTICULAR SUB-UNIT**

N Note(s) after  
the title

- (1) *This subclass does not cover the control of a single sub-unit; such control is classified in the relevant place for the sub-unit, e.g. F 02 D, F 16 H. Where a single sub-unit is controlled by means of signals or commands from other sub-units, the control of this single sub-unit is classified in the relevant place for this sub-unit. For example, the control of variable-ratio gearing by means of signals from the engine or the accelerator is classified in the subclass for gearing, F 16 H.*
- (2) *Conjoint control of driveline units, e.g. engines, and variable-ratio gearing occurring only transiently during ratio shift and being also characterised by the control of the gearing is also classified in the subclass for gearing, F 16 H.*
- (3) *In groups 20/00 to 50/00, the first place priority rule is applied, i.e. at each hierarchical level, classification is made in the first appropriate place.*
- (4) *When classifying in group 10/00, classification must also be made in groups 20/00 to 50/00 in order to identify the purpose or use of the control.*
- (5) *In this subclass, the following terms are used with the meanings indicated:*
  - *“conjoint control” means that a programmed or condition-responsive automatic controller on board the vehicle, embodying control logic for vehicle sub-units of different type or different function, sends control signals to actuators of two or more vehicle sub-units, so that the sub-units act together to solve a particular problem or in response to a particular driving condition;*
  - *“drive control system” means an electronic system in a road vehicle for automatically controlling the movement of that vehicle in order to take certain actions;*

- “road vehicle” means a vehicle normally under the control of a human driver for transportation on roads, e.g. an automobile, truck or bus;
- “sub-unit” means one of the following vehicle systems: propulsion system, clutch system, change-speed gearing system, system for distributing drive torque between front and rear axles, axle differential system, brake system, steering system, suspension system, energy storage means, fuel cells or auxiliary equipment.

N 10/00 **Conjoint control of vehicle sub-units of different type or different function** (for propulsion of purely electrically-propelled vehicles with power supplied within the vehicle [B 60 L 11/00](#))

N Note(s) after  
10/00

*When classifying in this group, each controlled sub-unit must be separately identified by a classification in a relevant place in this group.*

- N 10/02 • including control of driveline clutches
- N 10/04 • including control of propulsion units
- N 10/06 • • including control of combustion engines
- N 10/08 • • including control of electric propulsion units, e.g. motors or generators
- N 10/10 • including control of change-speed gearings
- N 10/12 • including control of differentials
- N 10/18 • including control of braking systems
- N 10/20 • including control of steering systems
- N 10/22 • including control of suspension systems
- N 10/24 • including control of energy storage means
- N 10/26 • • for electrical energy, e.g. batteries or capacitors
- N 10/28 • including control of fuel cells
- N 10/30 • including control of auxiliary equipment, e.g. air-conditioning compressors or oil pumps
- N 20/00 **Control systems specially adapted for hybrid vehicles, i.e. vehicles having two or more prime movers of more than one type, e.g. electrical and internal combustion motors, all used for propulsion of the vehicle**

- N 30/00*      ***Purposes of road vehicle drive control systems not related to the control of a particular sub-unit, e.g. of systems using conjoint control of vehicle sub-units***
- N 30/02*      • *Control of vehicle driving stability*
- N 30/04*      • • *related to roll-over prevention*
- N 30/06*      • *Automatic manoeuvring for parking*
- N 30/08*      • *Predicting or avoiding probable or impending collision*
- N 30/10*      • *Path keeping*
- N 30/12*      • • *Lane keeping*
- N 30/14*      • *Cruise control*
- N 30/16*      • • *Control of distance between vehicles, e.g. keeping a distance to preceding vehicle*
- N 30/18*      • *Propelling the vehicle*
- N 30/20*      • • *Reducing vibrations in the driveline*
- N 40/00*      ***Estimation or calculation of driving parameters for road vehicle drive control systems not related to the control of a particular sub-unit***
- N 40/02*      • *related to ambient conditions*
- N 40/04*      • • *Traffic conditions*
- N 40/06*      • • *Road conditions*
- N 40/08*      • *related to drivers or passengers*
- N 40/10*      • *related to vehicle motion*
- N 40/12*      • *related to parameters of the vehicle itself*
- N 50/00*      ***Details of control systems for road vehicle drive control not related to the control of a particular sub-unit***
- N 50/02*      • *Ensuring safety in case of control system failures, e.g. by diagnosing, circumventing or fixing failures*
- N 50/04*      • *Monitoring the functioning of the control system*
- N 50/06*      • *Improving the dynamic response of the control system, e.g. improving the speed of regulation or avoiding hunting or overshoot*
- N 50/08*      • *Interaction between the driver and the control system*

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ANNEX 10 B 81 B [Project-Rapporteur : 384/EP] <CE36036E>

Note(s) after the title <Delete former note (3)>

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ANNEX 11 B 82 B [Project-Rapporteur : 384/EP] <CE36038E>

Note(s) after the title <Delete former note (4)>

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ANNEX 12 C 09 K [Project-Rapporteur : 430/EP] <CE36006E>

3/32

- --- gasoline, fat (processes for making harmful chemical substances harmless, or less harmful, by effecting a chemical change in the substances [A 62 D 3/00](#); solid sorbent compositions ---

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ANNEX 13 D 21 H [Project-Rapporteur : 431/SE] <CE36007E>

Note(s) after 17/00 <Delete former note (1)>

<Delete former note (2)>

*N (1) In groups [17/01](#) to [17/63](#), in the absence of an indication to the contrary, a material is classified in the last appropriate place.*

*N (2) A mixture of two or more materials is classified in the last appropriate place in groups [17/01](#) to [17/63](#) that provides for at least one of these materials.*

*N (3) Any part of a mixture which is not identified by the classification according to note (2), and which itself is determined to be novel and non-obvious, must also be classified in the last appropriate place in groups [17/01](#) to [17/63](#). The part can be either a single material or a mixture in itself.*



*N* (4) *A part of a mixture which is not identified by the classification according to note (2) or (3), and which is considered to represent information of interest for search, may also be classified in the last appropriate place in groups 17/01 to 17/63. This can for example be the case when it is considered of interest to enable searching of mixtures using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".*

<Delete former note (3)>

*D* 17/71 (covered by 17/00)

*D* Note(s) after 17/71 <Deleted>

*D* 17/72 (covered by 17/00)

*D* 17/73 (covered by 17/00)

*D* 17/74 (covered by 17/00)

**ANNEX 14 E 01 D [Project-Rapporteur : 428/EP] <CE36015E>**

*N* 24/00 **Methods or apparatus for dismantling bridges**

**ANNEX 15 E 04 G [Project-Rapporteur : 428/EP] <CE36016E>**

*C* 23/08 • *Wrecking of buildings (dismantling bridges E 01 D 24/00)*

**ANNEX 16 F 02 D [Project-Rapporteur : 388/EP] <CE36020E>**

*C* **Title** **CONTROLLING COMBUSTION ENGINES** (vehicle fittings, acting on a single sub-unit only, for automatically controlling vehicle speed *B 60 K 31/00*; conjoint control of vehicle sub-units of different type or different function, road vehicle drive control systems for purposes other than the control of a single sub-unit *B 60 W*; cyclically operating ---

**11/00** --- in vehicles *B 60 K 26/00*)

**29/00** --- external thereto

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ANNEX 17 F 16 D [Project-Rapporteur : 388/EP] <CE36021E>

67/00 --- clutches 47/02; conjoint control of brake systems and driveline clutches in vehicles B 60 W 10/02 and 10/18)

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ANNEX 18 F 16 H [Project-Rapporteur : 388/EP] <CE36022E>

45/00 --- control of driveline clutches and change-speed gearing in vehicles B 60 W 10/02 and 10/10)

47/00 --- control of driveline clutches and change-speed gearing in vehicles B 60 W 10/02 and 10/10)

**Guidance  
Heading  
before 59/00** --- for vehicles B 60 W; cycle transmissions ---

Note(s)  
before 59/00

N

(1) --- Notes following the title of subclass B 60 W.

(6) *When classifying in groups 59/00 to 63/00, control inputs or types of gearing which are not identified by the classification according to Notes (4) and (5), and which are considered to represent information of interest for search, may also be classified. Such non-obligatory classification should be given as "additional information", e.g. selected from subgroup 61/66 relating to the type of gearing controlled or from group 59/00 relating to control inputs.*

<Delete former note (6)>

<Delete former note (7)>

<Delete former note (8)>

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ANNEX 19 G 01 G [Project-Rapporteur : 429/GB] <CE36010E>

9/00 --- determination of weight, not provided for in groups 1/00 to 7/00

19/00 --- for in groups 11/00 to 17/00

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ANNEX 20 G 05 D [Project-Rapporteur : 388/EP] <CE36024E>

Note(s) after  
the title

- N* <== B 60 V 1/11 Air-cushion vehicles  
*B 60 W 30/10* Road vehicle path control  
*B 62 D 1/00* Steering controls ==>
- N* <== B 60 L 15/00 Electrically-propelled vehicles  
*B 60 W 30/14* Road vehicle cruise control  
*B 64 D 31/08* Cruising speed ==>
- <== beverages on draught  
*F 23 C 10/28* Combustion apparatus in which  
combustion takes place in a fluidised  
bed of fuel or other particles  
*G 03 G 21/20* Electrographic, electrophotographic  
==>

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ANNEX 21 G 06 [Project-Rapporteur : 424/EP] <CE36044E>

Note(s) after  
the title

- <== the meanings indicated:
- --- used in subclasses *G 06 C*, *F* or *G 06 Q*;
- “calculating or computing” includes, inter ---
- “computation” is derived ==>

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ANNEX 22 G 06 F [Project-Rapporteur : 424/EP] <CE36047E>

- D 17/60* (transferred to *G 06 Q*)
- C 19/00* --- (*17/00* takes precedence; data processing systems or methods  
specially adapted for administrative, commercial, financial,  
managerial, supervisory or forecasting purposes *G 06 Q*)

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ANNEX 23 G 06 Q [Project-Rapporteur : 424/EP] <CE36043E>

N Title **DATA PROCESSING SYSTEMS OR METHODS, SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES; SYSTEMS OR METHODS SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES, NOT OTHERWISE PROVIDED FOR**

N Note(s) after the title

(1) *Groups 10/00 to 50/00 and 99/00 only cover systems or methods that involve significant data processing operations, i.e. data processing operations that need to be carried out by a technological, e.g. computing, system or device.*

*Group 90/00 covers systems or methods that do not involve significant data processing, when both of the following conditions are fulfilled:*

- the systems or methods are specially adapted for the purposes mentioned in the subclass title or the titles of groups 10/00 to 50/00; and*
- the systems or methods cannot be classified elsewhere in the IPC, for example by applying the principles described in paragraph 96 of the Guide.*

*When classifying such systems or methods in group 90/00, additional classification may be made in the most closely related group of this or any other subclass, if this classification gives information about the application of the systems or methods that could be of interest for searching. Such non-obligatory classification must be given as “additional information”.*

(2) *When classifying in groups 10/00 to 40/00, systems or methods that are specially adapted for a specific business sector must also be classified in group 50/00, when the special adaptation is determined to be novel and non-obvious.*

- (3) *In this subclass, the first place priority rule is applied, i.e. at each hierarchical level, classification is made in the first appropriate place.*
- N 10/00 **Administration, e.g. office automation or reservations; Management, e.g. resource or project management**
- N 20/00 **Payment schemes, architectures or protocols (apparatus for performing or posting payment transactions G 07 F 7/08, 19/00; electronic cash registers G 07 G 1/12)**
- N Note(s) after 20/00 *This group covers:*
- *protocols or schemes which include procedures whereby a payment is made between a merchant, a bank, a user and sometimes a third party; the procedure usually includes verification and authentication of all parties involved.*
- N 30/00 **Commerce, e.g. marketing, shopping, billing, auctions or e-commerce**
- N 40/00 **Finance, e.g. banking, investment or tax processing; Insurance, e.g. risk analysis or pensions**
- N 50/00 **Systems or methods specially adapted for a specific business sector, e.g. health care, utilities, tourism or legal services**
- N 90/00 **Systems or methods specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes, not involving significant data processing**
- N 99/00 **Subject matter not provided for in other groups of this subclass**

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ANNEX 24 G 08 G [Project-Rapporteur : 388/EP] <CE36023E>

- C 1/16
- *Anti-collision systems (road vehicle drive control systems for predicting or avoiding probable or impending collision otherwise than by control of a particular sub-unit B 60 W 30/08)*

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[End of Technical Annexes and of document]