

## TECHNICAL ANNEXES/ANNEXES TECHNIQUES

ANNEX	1E	B 60 W	[Project-Rapporteur : 388/EP]	<SC11003E>
N	<b>Title</b>	<b>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</b>		
N	Note(s) after the title	(1)	<i>This subclass <u>does not cover</u> the control of a single sub-unit; such control is classified in the relevant place for the sub-unit, e.g. <a href="#">F 02 D</a>, <a href="#">F 16 H</a>. 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, <a href="#">F 16 H</a>.</i>	
		(2)	<i>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, <a href="#">F 16 H</a>.</i>	
		(3)	<i>In groups <a href="#">20/00</a> to <a href="#">50/00</a>, the first place priority rule is applied, i.e. at each hierarchical level, classification is made in the first appropriate place.</i>	
		(4)	<i>When classifying in group <a href="#">10/00</a>, classification must also be made in groups <a href="#">20/00</a> to <a href="#">50/00</a> in order to identify the purpose or use of the control.</i>	
N	<b>10/00</b>	<b>Conjoint control of vehicle sub-units of different type or different function</b>		
N	Note(s) after 10/00	<i>When classifying in this group, each controlled sub-unit must be separately identified by a classification in a relevant place in this group.</i>		
N	10/02	• including control of driveline clutches		
N	10/04	• including control of propulsion units		
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
  - 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
  - **Road vehicle drive control systems for purposes other than the control of a particular sub-unit, e.g. used for conjoint control of vehicle sub-units**
- N 30/02
  - Cruise control
- N 30/04
  - Path keeping
- N 30/06
  - Control of vehicle driving stability (brake control systems for vehicle stability [B 60 T 8/00](#))
- N 30/08
  - Automatic manoeuvring for parking
- N 30/10
  - Predicting or avoiding probable or impending collision
- N 30/12
  - Drive control systems characterised by using road or traffic environment recognition
- N 40/00
  - **Estimation or calculation of driving parameters, specially adapted to road vehicle drive control systems which are not related to any particular sub-unit, or specially adapted to conjoint control of two or more different vehicle sub-units**
- N 40/02
  - related to ambient conditions
- N 40/04
  - related to drivers or passengers
- N 40/06
  - related to vehicle motion
- N 40/08
  - related to parameters of the vehicle itself
- N 50/00
  - **Details of control systems, specially adapted to road vehicle drive control systems which are not related to any particular sub-unit, or specially adapted to conjoint control of two or more different vehicle sub-units**
- N 50/02
  - Fail safe, e.g. diagnosing, circumventing or fixing of failure
- N 50/04
  - Monitoring
- N 50/06
  - Improving the dynamic response of the control system, e.g. improving the speed of regulation or avoiding hunting or overshoot

ANNEX	2	A 61 K	[Project-Rapporteur : 412/EP]	<SC11004E>
N	8/891	• • • • •	saturated, e.g. dimethicone, phenyl trimethicone, C24-C28 methicone or stearyl dimethicone	R
N	8/892	• • • • •	modified by a hydroxy group, e.g. dimethiconol	R
N	8/893	• • • • •	modified by an alkoxy group, e.g. behenoxy dimethicone or stearoxy dimethicone	R
N	8/894	• • • • •	modified by a polyoxyalkylene group, e.g. cetyl dimethicone copolyol	R
N	8/895	• • • • •	containing silicon bound to unsaturated aliphatic groups, e.g. vinyl dimethicone	R
N	8/896	• • • • •	containing atoms other than silicon, carbon, oxygen and hydrogen, e.g. dimethicone copolyol phosphate	R
N	8/897	• • • • •	containing halogen, e.g. fluorosilicones	R
N	8/898	• • • • •	containing nitrogen, e.g. amodimethicone, trimethyl silyl amodimethicone or dimethicone propyl PG-betaine	R
N	8/899	• • • • •	containing sulfur, e.g. sodium PG-propyldimethicone thiosulfate copolyol	R

ANNEX	3E	C 40 B	[Project-Rapporteur : 422/EP]	<SC11005E>
N	Note(s) after the title			R
		(1)	In this subclass, the first place priority rule is applied, i.e. at each hierarchical level, classification is made in the first appropriate place.	
		(2)	When classifying in this subclass, subject matter of interest is also classified in other appropriate places:	
		(a)	library members are also classified in appropriate places elsewhere in the IPC (e.g. in section C) according to established procedure (see paragraphs 100 and 101 of the Guide);	
		(b)	methods or apparatus covered by this subclass are also classified for their biological, chemical, physical or other features in the appropriate places in the IPC, if such features are of interest, e.g.	
			A 01 N      Biocides	

<i>A 61 K</i>	<i>Preparations for medical, dental or toilet purposes</i>
<i>A 61 P</i>	<i>Therapeutic activity of compounds</i>
<i>B 01 D</i>	<i>Separation</i>
<i>B 01 J</i>	<i>Chemical or physical processes, e.g. catalysis; Apparatus therefor</i>
<i>B 01 L</i>	<i>Chemical or physical laboratory apparatus</i>
<i>B 29</i>	<i>Shaped plastics</i>
<i>C 01,</i>	
<i>C 07,</i>	
<i>C 08</i>	<i>Inorganic, organic or organic macromolecular compounds; Methods of preparation or separation thereof</i>
<i>C 12</i>	<i>Biochemistry, microbiology, enzymology including micro-organisms or enzymes, preparing them, using them to synthesise compounds or compositions; Measuring or testing processes involving micro-organisms or enzymes; Mutation or genetic engineering</i>
<i>C 22</i>	<i>Metal alloys</i>
<i>G 01 N</i>	<i>Chemical or physical analysis</i>
<i>G 01 R,</i>	
<i>G 01 T</i>	<i>Physical measurement methods; Apparatus therefor</i>
<i>G 03 F</i>	<i>Photomechanical methods</i>
<i>G 06 F</i>	<i>Electrical digital data processing</i>
<i>G 06 K</i>	<i>Data processing</i>
<i>G 06 T</i>	<i>Image data processing</i>
<i>G 09 F</i>	<i>Displaying; Advertising</i>



<i>C 12</i>	<i>Biochimie, microbiologie, enzymologie y compris les micro-organismes ou les enzymes, leur préparation, leur utilisation pour synthétiser des composés ou des compositions; Procédés de mesures ou d'analyse faisant intervenir des micro-organismes ou des enzymes; Techniques de mutation ou de génétique</i>
<i>C 22</i>	<i>Alliages métalliques</i>
<i>G 01 N</i>	<i>Analyse physique ou chimique</i>
<i>G 01 R,</i>	
<i>G 01 T</i>	<i>Procédés de mesure physiques; Appareils à cet effet</i>
<i>G 03 F</i>	<i>Procédés photomécaniques</i>
<i>G 06 F</i>	<i>Traitement électrique de données numériques</i>
<i>G 06 K</i>	<i>Traitement de données</i>
<i>G 06 T</i>	<i>Traitement de données d'image</i>
<i>G 09 F</i>	<i>Présentation; Publicité</i>

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ANNEX 4      G 06 Q      [Project-Rapporteur : 424/EP]      <SC11002E>

<i>N</i>	<i>Title</i>	<b><i>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</i></b>	R
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<i>N</i>	<i>Note(s) after the title</i>		R
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(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	<b>Administration, e.g. office automation or reservations; Management, e.g. resource or project management</b>	R
N	20/00	<b>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)</b>	R
N	30/00	<b>Commerce, e.g. marketing, shopping, billing, auctions or e-commerce</b>	R
N	40/00	<b>Finance, e.g. banking, investment or tax processing; Insurance, e.g. risk analysis or pensions</b>	R
N	90/00	<b>Systems or methods specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes, not involving significant data processing</b>	

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