ANNEX F

UPDATING OF THE IPC TRAINING EXAMPLES
ACCORDING TO THE SEVENTH EDITION OF THE IPC

EXAMPLE No. A 14
(Chemical Field)

Documents	Matter to be classified	Classification and comments
	from claim(s):	Obligatory classification:
* DE-OS 1 938 318 FR 2 055 350 GB 1 251 933 NL 7 010 855 US 3 663 440	Piezo-electric, ferroelectric body (structure) consisting of the perowskite: $xPbTiO_3$-$yPbZrO_3$-$zPb(Mg_{0.5}W_{0.5})O_3$ $x = 0.41$-0.44 $y = 0.37$-0.49 $z = 0.05$-0.18 There are some other minor constituents about 1% MnO_2 and 0.15% Al_2O_3. The main constituents are PbO-TiO_2-ZrO_2.	In the Note (1) after group C 04 B 35/00 the rule states that "compositions are classified according to the constituent present in the highest proportion by weight." In group C 04 B 35/46, titanates containing also zirconates are referred out to group C 04 B 35/49. According to this rule and this reference, a composition based on lead zirconates and lead titanates and containing also other lead compounds is classified in group C 04 B 35/493 only. Classification in group H 01 L 41/187 is also retained for the selection of the specified material for piezo-electric devices.

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*   Priority country

Classification based on
underlined document(s)

Documents	Matter to be classified	Classification and comments
	from description:	Non-obligatory classification:
	None	None
Category(ies)		Complete classification:
II (c), (e)		C 04 B 35/493, H 01 L 41/187

EXAMPLE No. A 15
(Chemical Field)

Documents	Matter to be classified	Classification and comments
	from claim(s):	Obligatory classification:
* DE-OS 2 338 562 FR 2 239 739 US 4 013 760	Process for the manufacture of moulded carbon or graphite bodies having high isotropic and thermal conductivity values, for use as fuel elements in high temperature nuclear reactors. A pyrolitic and isotropic form of carbon is used, ground to given dimensions.	The invention is concerned with the preparation of an ingredient of a composition for subsequent moulding into an article. Process of preparation of a graphitic powdery material. C 01 B 31/04 Ceramic product based on graphite. C 04 B 35/52 For use as fuel elements in high temperature nuclear reactors. G 21 C 21/02 The invention is not concerned with the moulding *per se* and is therefore not suitable for classification in subclass B 28 B.
	from description:	Non-obligatory classification:
	None	None
Category(ies)		Complete classification:
II (d)		C 01 B 31/04, C 04 B 35/52, G 21 C 21/02

EXAMPLE No. E-7

Patent Document DE – A – 4,011,491
(Electrical Field)

Patent Family Members[*]:
DE   – C2 – 4,011,491
FR   – A   – 2,645,661
JP   – A   – 03,073,003
KR   – B   – 93,11,719
US   – A   – 4,961,036

Technical Subjects of the Invention

1.   The invention is essentially concerned with a system for controlling a working shaft including a counter receiving clock signals, a memory storage, a divider and a shaft driver wherein data on the shaft speed is previously stored in the memory.

Other Technical Subjects Disclosed

2.   The description only refers to applications (multi spindle automatic lathe, machine for knitting fishing nets) without giving any details on the adaptation of the invention to these particular machines.

Allotting Classification Symbols to the Patent Document

3.   In respect of the classification of the document, the following considerations should apply:

(a)   This control system may be applied to different types of machines (automatic lathe, knitting machine...) and, therefore, should be classified in a function-oriented place.

(b)   Although the expression "numerical control" is not included in the claim, the invention deals with a control system corresponding to the definition given by the wording of group G 05 B 19/18. More precisely, this numerical control system is characterised by the control of speed.

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[*]   Patent family data may include documents at different publication levels, which could differ in their contents. This may influence their classification to a certain degree, in comparison with the classification agreed for the selected document.

(c)   There is no additional information to indicate concerning applications.

Classification of the Patent Document

4.   The document should be classified as follows:

G 05 B 19/416.

[Annex G follows]