# CPC COOPERATIVE PATENT CLASSIFICATION

# C CHEMISTRY; METALLURGY

(NOTES omitted)

# **METALLURGY**

# C25 ELECTROLYTIC OR ELECTROPHORETIC PROCESSES; APPARATUS THEREFOR (NOTES omitted)

# C25B ELECTROLYTIC OR ELECTROPHORETIC PROCESSES FOR THE PRODUCTION OF COMPOUNDS OR NON-METALS; APPARATUS THEREFOR (anodic or cathodic protection C23F 13/00; single-crystal growth C30B)

# NOTE

Compounds of particular interest are also classified in the relevant classes, e.g. in C01, C07, C08.

# 1/00 Electrolytic production of inorganic compounds or non-metals

#### WARNING

Group  $\underline{\text{C25B 1/00}}$  is impacted by reclassification into groups  $\underline{\text{C25B 1/01}}$ ,  $\underline{\text{C25B 1/135}}$ ,  $\underline{\text{C25B 1/23}}$ ,  $\underline{\text{C25B 1/27}}$ , and  $\underline{\text{C25B 1/50}}$ .

All groups listed in this Warning should be considered in order to perform a complete search.

# 1/01 • Products

1/04

# WARNING

Group C25B 1/01 is incomplete pending reclassification of documents from group C25B 1/00

Groups C25B 1/00 and C25B 1/01 should be considered in order to perform a complete search.

1/02 . . Hydrogen or oxygen

. . . by electrolysis of water

# WARNING

Group C25B 1/04 is incomplete pending reclassification of documents from group C25B 9/70.

Group C25B 1/04 is also impacted by reclassification into groups C25B 1/042, C25B 1/044, C25B 9/05, C25B 9/19, C25B 9/23, C25B 9/73, C25B 9/75, C25B 9/77, C25B 11/00 and C25B 11/02.

All groups listed in this Warning should be considered in order to perform a complete search.

1/042 . . . by electrolysis of steam

#### **WARNING**

Group C25B 1/042 is incomplete pending reclassification of documents from group C25B 1/04.

Groups C25B 1/04 and C25B 1/042 should be considered in order to perform a complete search.

1/044 . . . . producing mixed hydrogen and oxygen gas, e.g. Brown's gas [HHO]

# **WARNING**

Group C25B 1/044 is incomplete pending reclassification of documents from group C25B 1/04.

Groups C25B 1/04 and C25B 1/044 should be considered in order to perform a complete search.

1/13 . . Ozone 1/135 . . Carbon

# WARNING

Group C25B 1/135 is incomplete pending reclassification of documents from group C25B 1/00.

Groups C25B 1/00 and C25B 1/135 should be considered in order to perform a complete search.

1/14 . . Alkali metal compounds

1/16 . . . Hydroxides (by simultaneous production of alkali metal hydroxides and chlorine, oxyacids or salts of chlorine C25B 1/34)

1/18 . . Alkaline earth metal compounds or magnesium compounds

1/20 . . . Hydroxides1/21 . . Manganese oxides1/22 . . Inorganic acids

1/23 3/01 . . Carbon monoxide or syngas . Products WARNING WARNING Groups C25B 3/01, C25B 3/03, C25B 3/05, Group C25B 1/23 is incomplete pending reclassification of documents from group C25B 3/07, C25B 3/09 and C25B 3/11 C25B 1/00. are incomplete pending reclassification of documents from groups C25B 3/00, C25B 3/23, Groups C25B 1/00 and C25B 1/23 should C25B 3/25, C25B 3/27, C25B 3/28, C25B 3/29 be considered in order to perform a complete and C25B 3/295. search. All groups listed in this Warning should be 1/24 . . Halogens or compounds thereof considered in order to perform a complete 1/245 . . . Fluorine; Compounds thereof search. 1/26 . . . Chlorine; Compounds thereof (by simultaneous 3/03 . . Acyclic or carbocyclic hydrocarbons production of alkali metal hydroxides . . Heterocyclic compounds and chlorine, oxyacids or salts of chlorine 3/05 C25B 1/34) 3/07 . . Oxygen containing compounds 1/265 . . . {Chlorates} 3/09 . . Nitrogen containing compounds 1/27 . . Ammonia 3/11 . . Halogen containing compounds . . Organo-metallic compounds 3/13 **WARNING** 3/20 . Processes Group C25B 1/27 is incomplete pending WARNING reclassification of documents from group C25B 1/00. Group C25B 3/20 is incomplete pending Groups C25B 1/00 and C25B 1/27 should reclassification of documents from group be considered in order to perform a complete C25B 3/00. search. Groups C25B 3/00 and C25B 3/20 should be considered in order to perform a complete . . Per-compounds 1/28 search. 1/29 . . . Persulfates 1/30 . . . Peroxides 3/21 . . Photoelectrolysis . . . Perborates 1/32 WARNING 1/33 . . Silicon Group C25B 3/21 is incomplete pending 1/34 . Simultaneous production of alkali metal reclassification of documents from groups hydroxides and chlorine, oxyacids or salts of C25B 3/00, C25B 3/23, C25B 3/25, chlorine, e.g. by chlor-alkali electrolysis C25B 3/27, C25B 3/28, C25B 3/29, and 1/36 . . . in mercury cathode cells C25B 3/295. 1/42 . . . Decomposition of amalgams All groups listed in this Warning should be 1/44 . . . . with the aid of catalysts considered in order to perform a complete 1/46 . . . in diaphragm cells 1/50 . Processes 3/23 . . Oxidation (halogenation C25B 3/27) WARNING WARNING Group C25B 1/50 is incomplete pending reclassification of documents from group Group C25B 3/23 is impacted by C25B 1/00. reclassification into groups <a>C25B</a> <a>3/01</a>, C25B 3/03, C25B 3/05, C25B 3/07, Groups C25B 1/00 and C25B 1/50 should C25B 3/09, C25B 3/11 and C25B 3/21. be considered in order to perform a complete search. All groups listed in this Warning should be considered in order to perform a complete 1/55 . . Photoelectrolysis search. 3/00 Electrolytic production of organic compounds 3/2.5 . . Reduction WARNING WARNING Group C25B 3/00 is impacted by reclassification Group C25B 3/25 is impacted by into groups C25B 3/01, C25B 3/03, C25B 3/05, reclassification into groups C25B 3/01, C25B 3/07, C25B 3/09, C25B 3/11, C25B 3/20, C25B 3/03, C25B 3/05, C25B 3/07, C25B 3/21 and C25B 3/26. C25B 3/09, C25B 3/11, C25B 3/21 and All groups listed in this Warning should be C25B 3/26. considered in order to perform a complete search. All groups listed in this Warning should be

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considered in order to perform a complete

search.

3/26 . . . of carbon dioxide

#### WARNING

Group C25B 3/26 is incomplete pending reclassification of documents from groups C25B 3/00 and C25B 3/25.

Groups C25B 3/00, C25B 3/25, and C25B 3/26 should be considered in order to perform a complete search.

3/27 . . Halogenation

# **WARNING**

Group C25B 3/27 is impacted by reclassification into groups C25B 3/01, C25B 3/03, C25B 3/05, C25B 3/07, C25B 3/09, C25B 3/11 and C25B 3/21.

All groups listed in this Warning should be considered in order to perform a complete search.

3/28 . . . Fluorination

#### WARNING

Group C25B 3/28 is impacted by reclassification into groups C25B 3/01, C25B 3/03, C25B 3/05, C25B 3/07, C25B 3/09, C25B 3/11 and C25B 3/21.

All groups listed in this Warning should be considered in order to perform a complete search.

3/29 . . Coupling reactions

# **WARNING**

Group C25B 3/29 is impacted by reclassification into groups C25B 3/01, C25B 3/03, C25B 3/05, C25B 3/07, C25B 3/09, C25B 3/11 and C25B 3/21.

All groups listed in this Warning should be considered in order to perform a complete search

3/295 . . . {hydrodimerisation}

# WARNING

Group C25B 3/295 is impacted by reclassification into groups C25B 3/01, C25B 3/03, C25B 3/05, C25B 3/07, C25B 3/09, C25B 3/11 and C25B 3/21.

All groups listed in this Warning should be considered in order to perform a complete search.

5/00 Electrogenerative processes, i.e. processes for producing compounds in which electricity is generated simultaneously

7/00 Electrophoretic production of compounds or nonmetals (separation or purification of peptides, e.g. of proteins, by electrophoresis C07K 1/26) Cells or assemblies of cells; Constructional parts of cells; Assemblies of constructional parts, e.g. electrode-diaphragm assemblies; Process-related cell features

#### WARNING

9/00

Group C25B 9/00 is impacted by reclassification into groups C25B 9/01, C25B 9/015, C25B 9/05, C25B 9/07, C25B 9/09, C25B 9/13, C25B 9/15, C25B 9/50, C25B 9/60 and C25B 9/67.

All groups listed in this Warning should be considered in order to perform a complete search.

9/005 • {Amalgam decomposition cells}

#### WARNING

Group C25B 9/005 is incomplete pending reclassification of documents from group C25B 9/70.

Groups C25B 9/70 and C25B 9/005 should be considered in order to perform a complete search.

9/01 • Electrolytic cells characterised by shape or form

#### WARNING

Groups C25B 9/01 and C25B 9/015 are incomplete pending reclassification of documents from groups C25B 9/00, C25B 9/17, C25B 9/19, C25B 9/23, C25B 9/30, C25B 9/70, C25B 9/73, C25B 9/75 and C25B 9/77.

All groups listed in this Warning should be considered in order to perform a complete search.

9/015 . . Cylindrical cells

9/05 • Pressure cells

# WARNING

Group <u>C25B 9/05</u> is incomplete pending reclassification of documents from groups <u>C25B 1/04</u>, <u>C25B 9/00</u>, <u>C25B 9/17</u>, <u>C25B 9/19</u>, <u>C25B 9/23</u>, <u>C25B 9/70</u>, <u>C25B 9/73</u>, <u>C25B 9/75</u> and <u>C25B 9/77</u>.

All groups listed in this Warning should be considered in order to perform a complete search.

9/07 . Common duct cells

#### WARNING

Group C25B 9/07 is incomplete pending reclassification of documents from groups C25B 9/00, C25B 9/17, C25B 9/30, C25B 9/70, C25B 9/73 and C25B 9/75.

All groups listed in this Warning should be considered in order to perform a complete search.

9/09 • Fused bath cells

#### WARNING

Group C25B 9/09 is incomplete pending reclassification of documents from groups C25B 9/00, C25B 9/17, C25B 9/19, C25B 9/23, C25B 9/70, C25B 9/73, C25B 9/75 and C25B 9/77.

All groups listed in this Warning should be considered in order to perform a complete search.

9/13 Single electrolytic cells with circulation of an electrolyte

#### WARNING

Groups C25B 9/13 and C25B 9/15 are incomplete pending reclassification of documents from groups C25B 9/00, C25B 9/17, C25B 9/19, C25B 9/23, C25B 9/30, C25B 9/70, C25B 9/73, C25B 9/75 and C25B 9/77.

All groups listed in this Warning should be considered in order to perform a complete search.

9/15 . . Flow-through cells

9/17

 Cells comprising dimensionally-stable non-movable electrodes; Assemblies of constructional parts thereof

# WARNING

Group C25B 9/17 is impacted by reclassification into groups C25B 9/01, C25B 9/015, C25B 9/05, C25B 9/07, C25B 9/09, C25B 9/13, C25B 9/15 and C25B 9/50.

All groups listed in this Warning should be considered in order to perform a complete search.

9/19 . . with diaphragms

# WARNING

Group C25B 9/19 is incomplete pending reclassification of documents from groups C25B 1/04 and C25B 9/73.

Group C25B 9/19 is also impacted by reclassification into groups C25B 9/01, C25B 9/015, C25B 9/05, C25B 9/09, C25B 9/13, C25B 9/15, C25B 9/21, C25B 9/50, C25B 9/75, C25B 9/77 and C25B 11/036.

All groups listed in this Warning should be considered in order to perform a complete search.

9/21 . . . two or more diaphragms

# WARNING

Group C25B 9/21 is incomplete pending reclassification of documents from group C25B 9/19.

Groups C25B 9/19 and C25B 9/21 should be considered in order to perform a complete search.

9/23 . . . comprising ion-exchange membranes in or on which electrode material is embedded

# WARNING

Group C25B 9/23 is incomplete pending reclassification of documents from groups C25B 1/04 and C25B 9/73.

Group C25B 9/23 is also impacted by reclassification into groups C25B 9/01, C25B 9/015, C25B 9/05, C25B 9/09, C25B 9/13, C25B 9/15 and C25B 9/50.

All groups listed in this Warning should be considered in order to perform a complete search

 9/30 • Cells comprising movable electrodes, e.g. rotary electrodes; Assemblies of constructional parts thereof

#### WARNING

Group C25B 9/30 is impacted by reclassification into groups C25B 9/01, C25B 9/015, C25B 9/07, C25B 9/13, C25B 9/15, C25B 11/00, C25B 11/02, C25B 11/033 and C25B 11/034.

All groups listed in this Warning should be considered in order to perform a complete search.

9/303 . . {comprising horizontal-type liquid electrode}

9/305 . . {comprising vertical-type liquid electrode}

 Cells or assemblies of cells comprising electrodes made of particles; Assemblies of constructional parts thereof

# WARNING

9/40

Group <u>C25B 9/40</u> is impacted by reclassification into groups <u>C25B 9/43</u>, <u>C25B 9/47</u>, <u>C25B 11/02</u> and <u>C25B 11/037</u>.

All groups listed in this Warning should be considered in order to perform a complete search.

9/43 . . {comprising fluidised bed electrodes}

# **WARNING**

Group C25B 9/43 is incomplete pending reclassification of documents from group C25B 9/40.

Groups C25B 9/40 and C25B 9/43 should be considered in order to perform a complete search.

9/47 • Comprising static bed electrodes

# WARNING

Group C25B 9/47 is incomplete pending reclassification of documents from group C25B 9/40.

Groups C25B 9/40 and C25B 9/47 should be considered in order to perform a complete search.

9/50 Cells or assemblies of cells comprising photoelectrodes; Assemblies of constructional parts thereof

# WARNING

Group C25B 9/50 is incomplete pending reclassification of documents from groups C25B 9/00, C25B 9/17, C25B 9/19, C25B 9/23, C25B 9/70, C25B 9/73, C25B 9/75 and C25B 9/77.

All groups listed in this Warning should be considered in order to perform a complete search

9/60 . Constructional parts of cells

#### WARNING

Group C25B 9/60 is incomplete pending reclassification of documents from group C25B 9/00.

Groups C25B 9/00 and C25B 9/60 should be considered in order to perform a complete search.

9/63 . Holders for electrodes; Positioning of the electrodes

9/65 . Means for supplying current; Electrode connections; Electric inter-cell connections

9/66 . . . {Electric inter-cell connections including jumper switches}

9/67 . Heating or cooling means

#### WARNING

Group C25B 9/67 is incomplete pending reclassification of documents from group C25B 9/00.

Groups C25B 9/00 and C25B 9/67 should be considered in order to perform a complete search.

9/70 • Assemblies comprising two or more cells

# WARNING

Group C25B 9/70 is impacted by reclassification into groups C25B 1/04, C25B 9/005, C25B 9/01, C25B 9/015, C25B 9/05, C25B 9/07, C25B 9/09, C25B 9/13, C25B 9/15, C25B 9/50, C25B 11/00 and C25B 11/02.

All groups listed in this Warning should be considered in order to perform a complete search.

9/73 . . of the filter-press type

# **WARNING**

Group C25B 9/73 is incomplete pending reclassification of documents from group C25B 1/04.

Group C25B 9/73 is also impacted by reclassification into groups C25B 9/01, C25B 9/015, C25B 9/05, C25B 9/07, C25B 9/09, C25B 9/13, C25B 9/15, C25B 9/19, C25B 9/23, C25B 9/50, C25B 9/75 and C25B 9/77.

All groups listed in this Warning should be considered in order to perform a complete search

9/75 . . . having bipolar electrodes

# WARNING

Group C25B 9/75 is incomplete pending reclassification of documents from groups C25B 1/04, C25B 9/19, C25B 9/73, C25B 9/77 and C25B 11/036.

Group <u>C25B 9/75</u> is also impacted by reclassification into groups <u>C25B 9/01</u>, <u>C25B 9/015</u>, <u>C25B 9/05</u>, <u>C25B 9/07</u>, <u>C25B 9/09</u>, <u>C25B 9/13</u>, <u>C25B 9/15</u> and <u>C25B 9/50</u>.

All groups listed in this Warning should be considered in order to perform a complete search

9/77 . . . having diaphragms

# WARNING

Group C25B 9/77 is incomplete pending reclassification of documents from groups C25B 1/04, C25B 9/19, C25B 9/73 and C25B 11/036.

Group C25B 9/77 is also impacted by reclassification into groups C25B 9/01, C25B 9/015, C25B 9/05, C25B 9/09, C25B 9/13, C25B 9/15, C25B 9/50 and C25B 9/75.

All groups listed in this Warning should be considered in order to perform a complete search.

# 11/00 Electrodes; Manufacture thereof not otherwise provided for

# WARNING

Group C25B 11/00 is incomplete pending reclassification of documents from groups C25B 1/04, C25B 9/30, and C25B 9/70.

All groups listed in this Warning should be considered in order to perform a complete search.

11/02 . characterised by shape or form

#### WARNING

Group C25B 11/02 is incomplete pending reclassification of documents from groups C25B 1/04, C25B 9/30, C25B 9/40, and C25B 9/70.

All groups listed in this Warning should be considered in order to perform a complete search.

11/03 . . perforated or foraminous

11/031 . . . Porous electrodes

#### WARNING

Group C25B 11/031 is impacted by reclassification into group C25B 11/032. Groups C25B 11/031 and C25B 11/032

should be considered in order to perform a complete search.

11/032 . . . Gas diffusion electrodes

#### WARNING

Group <u>C25B 11/032</u> is incomplete pending reclassification of documents from group <u>C25B 11/031</u>.

Groups C25B 11/031 and C25B 11/032 should be considered in order to perform a complete search.

11/033 . Liquid electrodes

#### WARNING

Group C25B 11/033 is incomplete pending reclassification of documents from group C25B 9/30.

Groups C25B 9/30 and C25B 11/033 should be considered in order to perform a complete search

11/034 . . Rotary electrodes

#### WARNING

Group C25B 11/034 is incomplete pending reclassification of documents from group C25B 9/30.

Groups C25B 9/30 and C25B 11/034 should be considered in order to perform a complete search.

11/036 . . Bipolar electrodes

# **WARNING**

Group C25B 11/036 is incomplete pending reclassification of documents from group C25B 9/19.

Group C25B 11/036 is also impacted by reclassification into groups C25B 9/75 and C25B 9/77.

All groups listed in this Warning should be considered in order to perform a complete search.

11/037 . . Electrodes made of particles

#### WARNING

Group C25B 11/037 is incomplete pending reclassification of documents from group C25B 9/40.

Groups C25B 9/40 and C25B 11/037 should be considered in order to perform a complete search.

11/04 . characterised by the material

#### WARNING

Group C25B 11/04 is impacted by reclassification into groups C25B 11/042, C25B 11/046, C25B 11/047, C25B 11/048, C25B 11/049 and C25B 11/051.

All groups listed in this Warning should be considered in order to perform a complete search.

11/042 . . Electrodes formed of a single material

#### WARNING

Group C25B 11/042 is incomplete pending reclassification of documents from group C25B 11/04.

Groups <u>C25B 11/042</u> and <u>C25B 11/04</u> should be considered in order to perform a complete search.

11/043 . . . Carbon, e.g. diamond or graphene

# WARNING

Group C25B 11/043 is impacted by reclassification into group C25B 11/044.

Groups C25B 11/043 and C25B 11/044 should be considered in order to perform a complete search.

11/044 . . . Impregnation of carbon

# WARNING

Group <u>C25B 11/044</u> is incomplete pending reclassification of documents from group <u>C25B 11/043</u>.

Groups C25B 11/043 and C25B 11/044 should be considered in order to perform a complete search.

11/045 . . . Mercury or amalgam

11/046 . . . Alloys

# WARNING

Group C25B 11/046 is incomplete pending reclassification of documents from group C25B 11/04.

Groups C25B 11/046 and C25B 11/04 should be considered in order to perform a complete search.

11/047

. . . Ceramics

coatings

WARNING WARNING Group C25B 11/047 is incomplete pending reclassification of documents from group Group C25B 11/054 is incomplete pending C25B 11/04. reclassification of documents from group C25B 11/051. Groups C25B 11/047 and C25B 11/04 Groups C25B 11/051 and C25B 11/054 should be considered in order to perform a complete search. should be considered in order to perform a complete search. 11/048 . . . Organic compounds 11/055 characterised by the substrate or carrier **WARNING** material Group C25B 11/048 is incomplete pending WARNING reclassification of documents from group Group C25B 11/055 is incomplete pending C25B 11/04. reclassification of documents from group Groups C25B 11/048 and C25B 11/04 C25B 11/051. should be considered in order to perform a Group C25B 11/055 is also impacted by complete search. reclassification into group C25B 11/056. . . . Photocatalysts 11/049 Groups C25B 11/051, C25B 11/055 and **WARNING** C25B 11/056 should be considered in order to perform a complete search. Group C25B 11/049 is incomplete pending reclassification of documents from group 11/056 . . . consisting of textile or non-woven fabric C25B 11/04. WARNING Groups C25B 11/049 and C25B 11/04 Group C25B 11/056 is incomplete should be considered in order to perform a complete search. pending reclassification of documents from groups C25B 11/051 and 11/051 . . Electrodes formed of electrocatalysts on a C25B 11/055. substrate or carrier Groups C25B 11/051, C25B 11/055 and **WARNING** C25B 11/056 should be considered in order to perform a complete search. Group C25B 11/051 is incomplete pending reclassification of documents from group 11/057 . . . consisting of a single element or compound C25B 11/04. WARNING Group C25B 11/051 is also impacted by Group C25B 11/057 is incomplete reclassification into groups C25B 11/052, C25B 11/053, C25B 11/054, C25B 11/055, pending reclassification of documents C25B 11/056, C25B 11/057, C25B 11/065, from group C25B 11/051. C25B 11/067, C25B 11/069, C25B 11/073, Group C25B 11/057 is also impacted by C25B 11/075, C25B 11/077, C25B 11/079, reclassification into groups C25B 11/063, C25B 11/083, C25B 11/085, C25B 11/087, C25B 11/065 and C25B 11/067. C25B 11/089 and C25B 11/097. All groups listed in this Warning should All groups listed in this Warning should be be considered in order to perform a considered in order to perform a complete complete search. search. . . . Silicon 11/059 11/052 . . . Electrodes comprising one or more 11/061 . . . Metal or alloy electrocatalytic coatings on a substrate WARNING WARNING Group C25B 11/061 is impacted Groups C25B 11/052 and C25B 11/053 by reclassification into group are incomplete pending reclassification of C25B 11/063. documents from group C25B 11/051. Groups C25B 11/061 and C25B 11/063 Groups C25B 11/051, C25B 11/052, and should be considered in order to C25B 11/053 should be considered in order perform a complete search. to perform a complete search. 11/053 characterised by multilayer electrocatalytic

11/054

• • • Electrodes comprising electrocatalysts supported on a carrier

11/063	Valve metal, e.g. titanium	11/075	consisting of a single catalytic element or catalytic compound
	WARNING		WARNING
	Group C25B 11/063 is incomplete pending reclassification of documents from groups C25B 11/057 and C25B 11/061.  Groups C25B 11/057, C25B 11/061 and C25B 11/063 should be considered in order to perform a complete search.		Group C25B 11/075 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/075 should be considered in order to perform a complete search.
11/065	Carbon	11/077	• • • • • the compound being a non-noble metal oxide
	<u>WARNING</u>		WARNING
	Group C25B 11/065 is incomplete pending reclassification of documents from groups C25B 11/051 and C25B 11/057.  Groups C25B 11/051, C25B 11/057 and C25B 11/065 should be considered in order to perform a complete search.		Group C25B 11/077 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/077 should be considered in order to perform a complete search.
11/0/5		11/0771	• • • • • {of the spinel type}
11/067	Inorganic compound e.g. ITO, silica or titania	11/0773	• • • • {of the perovskite type}
		11/0775 11/079	{of the rutile type}
	WARNING	11/0/9	Manganese dioxide; Lead dioxide
	Group C25B 11/067 is incomplete pending reclassification of documents from groups C25B 11/051 and C25B 11/057.  Groups C25B 11/051, C25B 11/057 and C25B 11/067 should be considered in order to perform a complete search.		WARNING  Group C25B 11/079 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/079 should be considered in order to perform a complete search.
11/069	consisting of at least one single element and at least one compound; consisting of two or more compounds	11/081 11/083	<ul><li> the element being a noble metal</li><li> Diamond</li></ul>
	•		WARNING
	WARNING  Group C25B 11/069 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/069 should be considered in order to perform a complete search.		Group C25B 11/083 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/083 should be considered in order to perform a complete search.
11/071	comprising metal or alloy powder and	11/085	Organic compound
11/072	non-metallic binders		WARNING
11/073	WARNING  Group C25B 11/073 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/073		Group C25B 11/085 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/085 should be considered in order to perform a complete search.
	should be considered in order to perform a	11/087	Photocatalytic compound
	complete search.		WARNING
			Group C25B 11/087 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/087 should be considered in order to perform a complete search.

11/089	Alloys	15/02	Process control or regulation
	WARNING		WARNING
	Group C25B 11/089 is incomplete pending reclassification of documents from group C25B 11/051.  Groups C25B 11/051 and C25B 11/089 should be considered in order to perform a complete search.		Group C25B 15/02 is impacted by reclassification into groups C25B 15/021, C25B 15/023, C25B 15/025, C25B 15/027, C25B 15/029, C25B 15/031, and C25B 15/033.  All groups listed in this Warning should be considered in order to perform a complete
11/091	<ul> <li>consisting of at least one catalytic element and at least one catalytic compound; consisting of two or more catalytic elements or catalytic compounds</li> <li>at least one noble metal or noble metal oxide and at least one non-noble metal oxide</li> </ul>	15/021	search.  • of heating or cooling  WARNING  Group C25B 15/021 is incomplete pending reclassification of documents from group C25B 15/02.
11/095 11/097	<ul> <li>at least one of the compounds being organic</li> <li>comprising two or more noble metals or noble metal alloys</li> <li>WARNING</li> <li>Group C25B 11/097 is incomplete pending reclassification of documents from group C25B 11/051.</li> <li>Groups C25B 11/051 and C25B 11/097 should be considered in order to perform a complete search.</li> </ul>	15/023	Groups C25B 15/02 and C25B 15/021 should be considered in order to perform a complete search.  • Measuring, analysing or testing during electrolytic production  WARNING  Groups C25B 15/023 - C25B 15/033 are incomplete pending reclassification of documents from group C25B 15/02.  All groups listed in this Warning should be considered in order to perform a complete
13/00 13/02 13/04	Diaphragms; Spacing elements  characterised by shape or form  characterised by the material  WARNING  Group C25B 13/04 is impacted by reclassification into groups C25B 13/05 and C25B 13/07.  Groups C25B 13/04, C25B 13/05, and C25B 13/07 should be considered in order to perform a complete search.	15/025 15/027 15/029 15/031 15/033 15/04 15/06 15/08	search.  of electrolyte parameters Temperature Concentration pH Conductivity . Regulation of the inter-electrode distance . Detection or inhibition of short circuits in the cell . Supplying or removing reactants or electrolytes; . Regeneration of electrolytes
12/05			WARNING
13/05	<ul> <li>based on inorganic materials</li> <li>WARNING</li> <li>Group C25B 13/05 is incomplete pending reclassification of documents from group C25B 13/04.</li> <li>Groups C25B 13/04 and C25B 13/05 should be considered in order to perform a complete search.</li> </ul>	15/081	Group C25B 15/08 is impacted by reclassification into groups C25B 15/081, C25B 15/083, C25B 15/085, and C25B 15/087.  All groups listed in this Warning should be considered in order to perform a complete search.  • Supplying products to non-electrochemical reactors that are combined with the
13/06 13/07	<ul> <li>based on asbestos</li> <li>based on ceramics</li> <li>WARNING</li> <li>Group C25B 13/07 is incomplete pending reclassification of documents from group C25B 13/04.</li> <li>Groups C25B 13/04 and C25B 13/07 should be considered in order to perform a complete search.</li> </ul>		electrochemical cell, e.g. Sabatier reactor}  WARNING  Group C25B 15/081 is incomplete pending reclassification of documents from group C25B 15/08.  Groups C25B 15/08 and C25B 15/081 should be considered in order to perform a complete search.
13/08	based on organic materials		
15/00	Operating or servicing cells		

# 15/083 . . {Separating products}

# WARNING

Group C25B 15/083 is incomplete pending reclassification of documents from group C25B 15/08.

Groups C25B 15/08 and C25B 15/083 should be considered in order to perform a complete search.

# 15/085 • • {Removing impurities}

# WARNING

Group C25B 15/085 is incomplete pending reclassification of documents from group C25B 15/08.

Groups <u>C25B 15/08</u> and <u>C25B 15/085</u> should be considered in order to perform a complete search

# 15/087 . . {Recycling of electrolyte to electrochemical cell}

# WARNING

Group C25B 15/087 is incomplete pending reclassification of documents from group C25B 15/08.

Groups C25B 15/08 and C25B 15/087 should be considered in order to perform a complete search.