

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 376

DATE: MAY 1, 2017

PROJECT DP0168

The following classification changes will be effected by this Notice of Changes:

<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>
Modified Definitions:	B44C	
	B44D	
	C09J	5/00
	C23D	
	C23F	
	C23G	

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES
 - A. New, Modified or Deleted Group(s)
 - B. New, Modified or Deleted Warning Notice(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CROSS-REFERENCE LIST (CRL)

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
B44C	Informative references	<p>Coating processes for photomechanical production of textured or patterned surfaces; apparatus therefor G03F 7/16</p> <p>Printing processes to produce transfer pictures B41M 3/12</p> <p>Thermographic duplication or marking methods B41M 5/00</p> <p>Imitation of mosaic or tarsia work patterns B44F 1/04</p> <p>Labels G09F</p> <p>Multi-step processes for making paper labels or tags B31D 1/02</p> <p>Layering of ceramics C04B 41/00</p> <p>Shaping of plastics or other substances in plastic state B29C</p> <p>Processes for applying liquids or other fluent material to a surface B05D</p>	<p>INSERT REFERENCE: Layered products, manufacture thereof B32B</p>
B44D	Informative references	<p>Apparatus for mixing B01F 13/00</p> <p>Apparatus for dosing pigments in a container B01F 15/00</p> <p>Hand tools for applying liquids, e.g. paints B05C 17/00, A46B</p> <p>Implements for finishing work on buildings, other than painting E04F 21/00</p> <p>Colorimetry G01J 3/00, G09B 19/00</p>	<p>INSERT REFERENCE: Layered products, manufacture thereof B32B</p>

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C09J 5/00	Informative references	<p>Removing scrap from containers, e.g. removing lables B08B 9/083</p> <p>Welding with interposition of material for facilitating bonding B23K 26/211</p> <p>Labelling machines and processes B65C 1/00 - B65C 11/068</p> <p>Bonding of preformed macromolecular material to the same or other solid material C08J 5/12 - C08J 5/128</p>	<p>INSERT REFERENCE: Methods or apparatus for laminating multiple layers B32B 37/00</p>
C23D	Informative References		<p>INSERT REFERENCE: Layered products comprising a layer of metal B32B 15/00</p>
C23D	Special Rules of classification	IPC	CPC
C23F	Informative References	<p>Repairing fractures or cracked metal parts or products B23P 6/04</p> <p>Manufacture of printing surfaces B41C</p> <p>Surface treatment of glass by etching C03C 15/00 C03C 25/68</p> <p>Etching of natural or artificial stone or ceramics C04B 41/53 C04B 41/72C04B 41/91</p> <p>Compositions for in situ inhibition of corrosion in boreholes or wells C09K 8/54</p> <p>Etching, surface-brightening or pickling compositions in general, e.g. for silicon, metal nitrides, etc. C09K 13/00</p> <p>Regeneration of process liquids, e.g. of etching compositions C25F 7/00</p> <p>Compositions for preventing, limiting or eliminating depositions C09K 8/52</p> <p>Portable water systems, e.g. treating plumbing systems for preventing leaching /elution of lead in water E03B E03B 7/09</p>	<p>INSERT REFERENCE: Layered products comprising a layer of metal B32B 15/00</p>

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		<p>Water supplying lines E03C</p> <p>In situ inhibition of corrosion in boreholes or wells E21B 41/02</p> <p>Preparing samples for investigations, e.g. by etching or polishing G01N 1/32</p> <p>Photomechanical reproduction G03F</p> <p>Investigating or analysing metals by specific methods, e.g. metallographic etching G01N 33/20</p> <p>Discharge tubes with the provision for introducing objects or materials to be exposed to the discharge, e.g. plasma apparatus and treatment in general (see C23F 4/00, classification rules) H01J 37/00</p> <p>Apparatus for treating semiconductor bodies H01L 21/67005</p> <p>After treatment of semiconductor bodies, e.g. by physical or chemical etching of conductive layers H01L 21/3213</p> <p>After treatment of semiconductor bodies, e.g. by chemical mechanical polishing of conductive layers H01L 21/32115</p> <p>Chemical or electrical treatment, e.g. by etching, of semiconductor bodies H01L 21/306</p> <p>Manufacture of printed circuits H05K</p>	
C23G	Informative References	<p>Cleaning involving the use of liquid or steam B08B 3/00</p> <p>Cleaning by the force of jets or sprays B08B 3/02</p> <p>Cleaning involving contact with liquid B08B 3/04</p> <p>Cleaning involving contact with a liquid having chemical or dissolving effect B08B 3/08</p>	<p>INSERT REFERENCE: Layered products comprising a layer of metal B32B 15/00</p>

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		<p>Regenerating cleaning liquids B08B 3/14</p> <p>Cleaning by other methods B08B 7/00</p> <p>Cleaning of pipes or tubes in general B08B 9/02</p> <p>Cleaning containers, e.g. tanks B08B 9/08</p> <p>Devices for guiding or conveying wires, sheet metal bands in loops or curves B21B 41/00</p> <p>Devices for surface cleaning B21B 45/0269</p> <p>Devices for surface de-scaling, e.g. of strip material, hydraulically B21B 45/04, B21B 45/06, B21B 45/08</p> <p>Cleaning prior to soldering, brazing B23K 1/206</p> <p>Apparatus for continuously conveying articles into bath B65G 49/00</p> <p>Cleaning devices B65G 45/10</p> <p>Special cleaning or washing methods for metals C11D 11/0029</p> <p>Special cleaning or washing methods for industrial or commercial equipment, e.g. reactors, tubes, engines C11D 11/0041</p> <p>Special cleaning or washing methods for electronic devices, e.g. PCB's C11D 11/0047</p> <p>Production or refining of metals, e.g. by wet processes for recovering metals from spent pickling solutions C22B</p> <p>Chemical treatment of the metal surface prior to hot-dipping coatings C23C 2/02</p> <p>Chemical treatment of the metal surface prior to diffusion coatings C23C 10/02</p>	
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		<p>Cleaning of the metal surface prior to PVD coatings C23C 14/021</p> <p>Cleaning of the metal surface prior to CVD coating C23C 16/0227</p> <p>Chemical treatment of metal surfaces prior to coating with enamel C23D 3/00</p> <p>Regeneration of process liquids C25F 7/02</p> <p>Chemical or electrochemical decontamination of radioactively contaminated metallic material and apparatus thereof, e.g. removal of metal oxides from the metal surface G21F 9/004</p> <p>Cleaning of turbomachines F01D 25/002</p> <p>Cleaning of combustion engines F02B 77/04</p> <p>Cleaning of fuel injection apparatuses F02M 65/00</p> <p>Cleaning furnaces tubes F23J 3/02</p> <p>Cleaning heat-exchangers or heat-transfer conduits with chemical solvents F28G 9/00</p> <p>Cleaning of semiconductor devices or of parts thereof H01L 21/02041</p> <p>Cleaning or polishing of the conductive pattern H05K 3/26</p>	
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NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.