

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 837

DATE: MAY 1, 2020

PROJECT RP0231

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Symbols Deleted Pending Reclassification: (frozen (F))	B01J	32/00
Warnings Modified:	B01J	subclass
Warnings New	B01J	21/00
	B01J	23/00
	B01J	25/00
	B01J	27/00
	B01J	29/00
	B01J	32/00
	B01J	33/00
	B01J	35/00
	B01J	37/00
	B01J	38/00
Notes Modified:	B01J	(above) 20/00

**The following subclasses are also impacted by this Notice of Changes: C01B, C08J**

**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(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3.  REVISION CONCORDANCE LIST (RCL)

4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5.  CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS B01J - CHEMICAL OR PHYSICAL PROCESSES, e.g. CATALYSIS, COLLOID CHEMISTRY; THEIR RELEVANT APPARATUS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
F	B01J 32/00	0	Catalyst carriers in general	B01J 21/00, B01J 21/005, B01J 21/02, B01J 21/04, B01J 21/06, B01J 21/063, B01J 21/066, B01J 21/08, B01J 21/10, B01J 21/12, B01J 21/14, B01J 21/16, B01J 21/18, B01J 21/185, B01J 21/20, B01J 23/00, B01J 23/002, B01J 23/005, B01J 23/007, B01J 23/02, B01J 23/04, B01J 23/06, B01J 23/08, B01J 23/10, B01J 23/12, B01J 23/14, B01J 23/16, B01J 23/18, B01J 23/20, B01J 23/22, B01J 23/24, B01J 23/26, B01J 23/28, B01J 23/30, B01J 23/31, B01J 23/32, B01J 23/34, B01J 23/36, B01J 23/38, B01J 23/40, B01J 23/42, B01J 23/44, B01J 23/46, B01J 23/462, B01J 23/464, B01J 23/466, B01J 23/468, B01J 23/48, B01J 23/50, B01J 23/52, B01J 23/54, B01J 23/56, B01J 23/58, B01J 23/60, B01J 23/62, B01J 23/622, B01J 23/624, B01J 23/626, B01J 23/628, B01J 23/63, B01J 23/64, B01J 23/644, B01J 23/6442, B01J 23/6445, B01J 23/6447, B01J 23/648, B01J 23/6482, B01J 23/6484, B01J 23/6486, B01J 23/6488, B01J 23/652, B01J 23/6522, B01J 23/6525, B01J 23/6527, B01J 23/656, B01J 23/6562, B01J 23/6565, B01J 23/6567, B01J 23/66, B01J 23/68, B01J 23/681, B01J 23/682,

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
				B01J 23/683, B01J 23/685, B01J 23/686, B01J 23/687, B01J 23/688, B01J 23/70, B01J 23/72, B01J 23/74, B01J 23/745, B01J 23/75, B01J 23/755, B01J 23/76, B01J 23/78, B01J 23/80, B01J 23/825, B01J 23/83, B01J 23/835, B01J 23/84, B01J 23/843, B01J 23/8432, B01J 23/8435, B01J 23/8437, B01J 23/847, B01J 23/8472, B01J 23/8474, B01J 23/8476, B01J 23/8478, B01J 23/85, B01J 23/86, B01J 23/862, B01J 23/864, B01J 23/866, B01J 23/868, B01J 23/88, B01J 23/881, B01J 23/882, B01J 23/883, B01J 23/885, B01J 23/887, B01J 23/8871, B01J 23/8872, B01J 23/8873, B01J 23/8874, B01J 23/8875, B01J 23/8876, B01J 23/8877, B01J 23/8878, B01J 23/888, B01J 23/8885, B01J 23/889, B01J 23/8892, B01J 23/8894, B01J 23/8896, B01J 23/8898, B01J 23/89, B01J 23/8906, B01J 23/8913, B01J 23/892, B01J 23/8926, B01J 23/8933, B01J 23/894, B01J 23/8946, B01J 23/8953, B01J 23/896, B01J 23/8966, B01J 23/8973, B01J 23/898, B01J 23/8986, B01J 23/8993, B01J 23/90, B01J 23/92, B01J 23/94, B01J 23/96, B01J 25/00, B01J 25/02, B01J 25/04, B01J 27/00, B01J 27/02, B01J 27/04, B01J 27/043, B01J 27/045, B01J 27/047, B01J 27/049, B01J 27/051, B01J 27/0515, B01J 27/053, B01J 27/055, B01J 27/057, B01J 27/0573, B01J 27/0576, B01J 27/06, B01J 27/08, B01J 27/10, B01J 27/12,

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				B01J 27/122, B01J 27/125, B01J 27/128, B01J 27/13, B01J 27/132, B01J 27/135, B01J 27/138, B01J 27/14, B01J 27/16, B01J 27/18, B01J 27/1802, B01J 27/1804, B01J 27/1806, B01J 27/1808, B01J 27/1811, B01J 27/1813, B01J 27/1815, B01J 27/1817, B01J 27/182, B01J 27/185, B01J 27/1853, B01J 27/1856, B01J 27/186, B01J 27/187, B01J 27/188, B01J 27/19, B01J 27/192, B01J 27/195, B01J 27/198, B01J 27/199, B01J 27/20, B01J 27/22, B01J 27/224, B01J 27/228, B01J 27/232, B01J 27/236, B01J 27/24, B01J 27/25, B01J 27/26, B01J 27/28, B01J 27/285, B01J 27/30, B01J 27/32, B01J 29/00, B01J 29/005, B01J 29/03, B01J 29/0308, B01J 29/0316, B01J 29/0325, B01J 29/0333, B01J 29/0341, B01J 29/035, B01J 29/0352, B01J 29/0354, B01J 29/0356, B01J 29/0358, B01J 29/04, B01J 29/041, B01J 29/042, B01J 29/043, B01J 29/044, B01J 29/045, B01J 29/046, B01J 29/047, B01J 29/048, B01J 29/049, B01J 29/06, B01J 29/061, B01J 2029/062, B01J 29/064, B01J 29/068, B01J 29/072, B01J 29/076, B01J 29/08, B01J 2029/081, B01J 29/082, B01J 29/084, B01J 29/085, B01J 29/087, B01J 29/088, B01J 29/10, B01J 29/103, B01J 29/106, B01J 29/12, B01J 29/123, B01J 29/126, B01J 29/14, B01J 29/143, B01J 29/146, B01J 29/16, B01J 29/163, B01J 29/166, B01J 29/18, B01J 29/185,

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
				B01J 29/20, B01J 29/22, B01J 29/24, B01J 29/26, B01J 29/40, B01J 29/405, B01J 29/42, B01J 29/44, B01J 29/46, B01J 29/48, B01J 29/50, B01J 29/505, B01J 29/52, B01J 29/54, B01J 29/56, B01J 29/58, B01J 29/60, B01J 29/605, B01J 29/61, B01J 29/62, B01J 29/63, B01J 29/64, B01J 29/65, B01J 29/655, B01J 29/66, B01J 29/67, B01J 29/68, B01J 29/69, B01J 29/70, B01J 29/7003, B01J 29/7007, B01J 29/7011, B01J 29/7015, B01J 29/7019, B01J 29/7023, B01J 29/7026, B01J 29/703, B01J 29/7034, B01J 29/7038, B01J 29/7042, B01J 29/7046, B01J 29/7049, B01J 29/7053, B01J 29/7057, B01J 29/7061, B01J 29/7065, B01J 29/7069, B01J 29/7073, B01J 29/7076, B01J 29/708, B01J 29/7084, B01J 29/7088, B01J 29/7092, B01J 29/7096, B01J 29/72, B01J 29/7207, B01J 29/7215, B01J 29/7223, B01J 29/723, B01J 29/7238, B01J 29/7246, B01J 29/7253, B01J 29/7261, B01J 29/7269, B01J 29/7276, B01J 29/7284, B01J 29/7292, B01J 29/74, B01J 29/7407, B01J 29/7415, B01J 29/7423, B01J 29/743, B01J 29/7438, B01J 29/7446, B01J 29/7453, B01J 29/7461, B01J 29/7469, B01J 29/7476, B01J 29/7484, B01J 29/7492, B01J 29/76, B01J 29/7607, B01J 29/7615, B01J 29/7623, B01J 29/763, B01J 29/7638, B01J 29/7646, B01J 29/7653, B01J 29/7661, B01J 29/7669, B01J 29/7676, B01J 29/7684, B01J 29/7692, B01J 29/78,

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				B01J 29/7807, B01J 29/7815, B01J 29/7823, B01J 29/783, B01J 29/7838, B01J 29/7846, B01J 29/7853, B01J 29/7861, B01J 29/7869, B01J 29/7876, B01J 29/7884, B01J 29/7892, B01J 29/80, B01J 29/82, B01J 29/83, B01J 29/84, B01J 29/85, B01J 29/86, B01J 29/87, B01J 29/88, B01J 29/89, B01J 29/90, B01J 33/00, B01J 35/00, B01J 35/0006, B01J 35/0013, B01J 35/002, B01J 35/0026, B01J 35/0033, B01J 35/004, B01J 35/0046, B01J 35/0053, B01J 35/006, B01J 35/0066, B01J 35/0073, B01J 35/008, B01J 35/0086, B01J 35/0093, B01J 35/02, B01J 35/023, B01J 35/026, B01J 35/04, B01J 35/06, B01J 35/065, B01J 35/08, B01J 35/10, B01J 35/1004, B01J 35/1009, B01J 35/1014, B01J 35/1019, B01J 35/1023, B01J 35/1028, B01J 35/1033, B01J 35/1038, B01J 35/1042, B01J 35/1047, B01J 35/1052, B01J 35/1057, B01J 35/1061, B01J 35/1066, B01J 35/1071, B01J 35/1076, B01J 35/108, B01J 35/1085, B01J 35/109, B01J 35/1095, B01J 35/12, B01J 37/00, B01J 37/0009, B01J 37/0018, B01J 37/0027, B01J 37/0036, B01J 37/0045, B01J 37/0054, B01J 37/0063, B01J 37/0072, B01J 37/0081, B01J 37/009, B01J 37/02, B01J 37/0201, B01J 37/0203, B01J 37/0205, B01J 37/0207, B01J 37/0209, B01J 37/0211, B01J 37/0213, B01J 37/0215, B01J 37/0217, B01J 37/0219, B01J 37/0221, B01J 37/0223, B01J 37/0225, B01J 37/0226, B01J 37/0228,

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				B01J 37/023, B01J 37/0232, B01J 37/0234, B01J 37/0236, B01J 37/0238, B01J 37/024, B01J 37/0242, B01J 37/0244, B01J 37/0246, B01J 37/0248, B01J 37/03, B01J 37/031, B01J 37/033, B01J 37/035, B01J 37/036, B01J 37/038, B01J 37/04, B01J 37/06, B01J 37/08, B01J 37/082, B01J 37/084, B01J 37/086, B01J 37/088, B01J 37/10, B01J 37/105, B01J 37/12, B01J 37/14, B01J 37/16, B01J 37/18, B01J 37/20, B01J 37/22, B01J 37/24, B01J 37/26, B01J 37/28, B01J 37/30, B01J 37/32, B01J 37/34, B01J 37/341, B01J 37/342, B01J 37/343, B01J 37/344, B01J 37/345, B01J 37/346, B01J 37/347, B01J 37/348, B01J 37/349, B01J 37/36, B01J 38/00, B01J 2038/005, B01J 38/02, B01J 38/04, B01J 38/06, B01J 38/08, B01J 38/10, B01J 38/12, B01J 38/14, B01J 38/16, B01J 38/18, B01J 38/20, B01J 38/22, B01J 38/24, B01J 38/26, B01J 38/28, B01J 38/30, B01J 38/32, B01J 38/34, B01J 38/36, B01J 38/38, B01J 38/40, B01J 38/42, B01J 38/44, B01J 38/46, B01J 38/48, B01J 38/485, B01J 38/50, B01J 38/52, B01J 38/54, B01J 38/56, B01J 38/58, B01J 38/60, B01J 38/62, B01J 38/64, B01J 38/66, B01J 38/68, B01J 38/70, B01J 38/72, B01J 38/74

\*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more

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appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

#### NOTES:

- \*\*No { curly brackets } are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The { curly brackets } are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types .
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.



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B. New, Modified or Deleted Warning(s)**SUBCLASS B01J - CHEMICAL OR PHYSICAL PROCESSES, e.g. CATALYSIS, COLLOID CHEMISTRY; THEIR RELEVANT APPARATUS**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	B01J	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:  B01J 37/025 covered by B01J 37/02 B01D 15/04 covered by B01J 39/00 - B01J 49/90	<u>Replace</u> in the existing warning the last statement: "B01D15/04 covered by B01J 39/00 – B01J 49/00" with following new statement:  B01J32/00 covered by B01J21/00 - B01J29/90, B01J33/00 - B01J38/74
N	B01J21/00		<u>Insert</u> the following new warning:  Groups B01J21/00 - B01J21/20 are incomplete pending reclassification of documents from group B01J 32/00. All groups listed in this warning should be considered in order to perform a complete search.
N	B01J23/00		<u>Insert</u> the following new warning:  Groups B01J23/00 - B01J 23/96 are incomplete pending reclassification of documents from group B01J 32/00. All groups listed in this warning should be considered in order to perform a complete search.
N	B01J25/00		<u>Insert</u> the following new warning:  Groups B01J25/00 - B01J 25/04 are incomplete pending reclassification of documents from group B01J 32/00. All groups listed in this warning should be considered in order to perform a complete search.
N	B01J27/00		<u>Insert</u> the following new warning:  Groups B01J27/00 - B01J 27/32 are incomplete pending reclassification of documents from group B01J 32/00. All groups listed in this warning should be

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			considered in order to perform a complete search.
N	B01J29/00		<p><u>Insert</u> the following new warning:</p> <p>Groups B01J29/00 - B01J29/90 are incomplete pending reclassification of documents from group B01J 32/00. All groups listed in this Warning should be considered in order to perform a complete search.</p>
N	B01J 32/00		<p><u>Insert</u> the following new warning:</p> <p>Group B01J 32/00 is no longer used for the classification of documents as of May 1, 2020. The content of this group is being reclassified into groups B01J 21/00 - B01J 29/90 and B01J 33/00 - B01J 38/74. Groups B01J 32/00, B01J 21/00 - B01J 29/90, and B01J 33/00 - B01J 38/74 should be considered in order to perform a complete search.</p>
N	B01J33/00		<p><u>Insert</u> the following new warning:</p> <p>Group B01J 33/00 is incomplete pending reclassification of documents from group B01J 32/00. Groups B01J 32/00 and B01J 33/00 should be considered in order to perform a complete search.</p>
N	B01J35/00		<p><u>Insert</u> the following new warning:</p> <p>Groups B01J35/00 - B01J35/12 are incomplete pending reclassification of documents from group B01J 32/00. All groups listed in this warning should be considered in order to perform a complete search.</p>
N	B01J37/00		<p><u>Insert</u> the following new warning:</p> <p>Groups B01J37/00 - B01J37/36 are incomplete pending reclassification of documents from group B01J 32/00. All groups listed in this warning should be considered in order to perform a complete search.</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B01J38/00		<p><u>Insert</u> the following new warning:</p> <p>Groups B01J38/00 - B01J38/74 are incomplete pending reclassification of documents from group B01J 32/00. All groups listed in this warning should be considered in order to perform a complete search.</p>

\*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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C. New, Modified or Deleted Note(s)**SUBCLASS B01J - CHEMICAL OR PHYSICAL PROCESSES, e.g. CATALYSIS, COLLOID CHEMISTRY; THEIR RELEVANT APPARATUS**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	B01J20/00	<p>3. In group B01J 20/00 and in each set of groups B01J 21/00 - B01J 31/00 and B01J 32/00 - B01J 38/00, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.</p> <p>4. Pure compounds or elements, or their recovery from solid sorbent compositions, filter aid compositions, or catalysts, are classified in the appropriate subclass for chemical compounds or elements. However, when it is explicitly stated that the pure compound or element, in a particular form, is especially useful as a solid sorbent, filter aid, or catalyst, it is further classified in group B01J 20/00 or B01J 35/00.</p> <p>5. {In groups B01J 21/00 - B01J 38/00, the following term is used with the meaning indicated:</p> <ul style="list-style-type: none"> <li>• "catalyst" covers also a carrier forming part of the catalyst.}</li> </ul> <p>6. {Classification of the:</p> <ul style="list-style-type: none"> <li>• carriers;</li> <li>• forms or physical properties;</li> <li>• preparation or activation;</li> <li>• regeneration or reactivation of catalysts according to more than one of main groups B01J 21/00 - B01J 31/00 is made in the following general groups:</li> <li>• B01J 32/00 for such carriers;</li> <li>• B01J 35/00 for such forms or physical properties;</li> <li>• B01J 37/00 for such preparation or activation;</li> <li>• B01J 38/00 for such regeneration or reactivation.}</li> </ul>	<p><u>Replace</u> the existing notes 3 through 6 with the following updated notes 3 through 6:</p> <p>3. In group B01J20/00 and in each set of groups B01J21/00 - B01J31/00 and {B01J33/00} - B01J38/00, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.</p> <p>4. Pure compounds or elements, or their recovery from solid sorbent compositions, filter aid compositions, or catalysts, are classified in the appropriate subclass for chemical compounds or elements. However, when it is explicitly stated that the pure compound or element, in a particular form, is especially useful as a solid sorbent, filter aid, or catalyst, it is further classified in group B01J20/00 or B01J35/00.</p> <p>5. {In groups B01J21/00 - B01J38/00, the following term is used with the meaning indicated:</p> <p>a. "catalyst" covers also a carrier-forming part of the catalyst.}</p> <p>6. {Classification of the:</p> <ul style="list-style-type: none"> <li>• forms or physical properties;</li> <li>• preparation or activation;</li> <li>• regeneration or reactivation of catalysts according to more than one of main groups B01J21/00 - B01J31/00 is made in the following general groups:</li> <li>• B01J35/00 for such forms or physical properties;</li> <li>• B01J37/00 for such preparation or activation;</li> <li>• B01J38/00 for such regeneration or reactivation.}</li> </ul>

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\*N = new note, M = modified note, D = deleted note

NOTES:

- The “Location” column requires the symbol AFTER the guidance heading location. No further directions such as “before” or “after” are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading. This can be included in the “Location” column. For example, the guidance heading “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen” encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the “Location” column as follows: 398/00 to be included under the guidance heading: “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen.”

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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>
B01J	Special rules of classification	However, when it is explicitly stated or claimed that the pure compound, element, zeolite etc, in a particular form, is especially useful as a catalyst, it is additionally classified in group B01J 21/00-B01J 29/90 or B01J 32/00-B01J 35/00.	<u>Replace</u> in the existing text the symbol "B01J 32/00" with the following symbol:  B01J 33/00
B01J 31/00	Special rules of classification	The further catalyst groups of B01J, i.e. B01J 21/00-B01J 38/00 can be used to classify such further aspects of materials and processes to be used, if not provided in sufficient detail in B01J 31/00, e.g. when a specially prepared inorganic support or a support with specific physical parameters or a special form is concerned. Further guidance in this respect is given in the classification rules for B01J 21/00 - B01J 29/00 and B01J 32/00 - B01J 38/00.	<u>Replace</u> in the existing text the symbol "B01J 32/00" with the following symbol:  B01J 33/00
B01J 31/16	Special rules of classification	If a support is involved, which is not already covered by these groups (e.g. because it is only broadly defined or because there is no adequately specific classification group for it), it would be additionally classified in groups B01J 21/00,	<u>Replace</u> the existing text with the updated text shown below:  If a support is involved, which is not already covered by these groups (e.g. because it is only broadly defined or because there is no adequately specific classification group for it), it would be additionally classified

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<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>
		B01J 23/00 or B01J 29/00, respectively in the appropriate subgroups of B01J 31/061 - B01J 31/068 or B01J 31/124 - B01J 31/127. Alternatively, if not essential to the invention, the support may also be so indexed with the corresponding groups B01J 21/00, B01J 23/00 or B01J 29/00, respectively in the appropriate sub-groups of B01J 31/061 - B01J 31/068 or B01J 31/124 - B01J 31/127, see also the classification rules for B01J 21/00 - B01J 29/00 and B01J 32/00 - B01J 38/00.	in groups B01J 21/00, B01J 23/00 or B01J 29/00, respectively, in the appropriate subgroups of B01J 31/061 - B01J 31/068 or B01J 31/124 - B01J 31/127. Alternatively, if not essential to the invention, the support may also be so indexed with the corresponding groups B01J 21/00, B01J 23/00 or B01J 29/00, respectively, in the appropriate subgroups of B01J 31/061 - B01J 31/068 or B01J 31/124 - B01J 31/127; see also the classification rules for B01J 21/00 - B01J 29/00 and B01J 33/00 - B01J 38/00.

## 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.

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol</u>
F	B01J 32/00	B01J 21/00, B01J 21/005, B01J 21/02, B01J 21/04, B01J 21/06, B01J 21/063, B01J 21/066, B01J 21/08, B01J 21/10, B01J 21/12, B01J 21/14, B01J 21/16, B01J 21/18, B01J 21/185, B01J 21/20, B01J 23/00, B01J 23/002, B01J 23/005, B01J 23/007, B01J 23/02, B01J 23/04, B01J 23/06, B01J 23/08, B01J 23/10, B01J 23/12, B01J 23/14, B01J 23/16, B01J 23/18, B01J 23/20, B01J 23/22, B01J 23/24, B01J 23/26, B01J 23/28, B01J 23/30, B01J 23/31, B01J 23/32, B01J 23/34, B01J 23/36, B01J 23/38, B01J 23/40, B01J 23/42, B01J 23/44, B01J 23/46, B01J 23/462, B01J 23/464, B01J 23/466, B01J 23/468, B01J 23/48, B01J 23/50, B01J 23/52, B01J 23/54, B01J 23/56, B01J 23/58, B01J 23/60, B01J 23/62, B01J 23/622, B01J 23/624, B01J 23/626, B01J 23/628, B01J 23/63, B01J 23/64, B01J 23/644, B01J 23/6442, B01J 23/6445, B01J 23/6447, B01J 23/648, B01J 23/6482, B01J 23/6484, B01J 23/6486, B01J 23/6488, B01J 23/652, B01J 23/6522, B01J 23/6525, B01J 23/6527, B01J 23/656, B01J 23/6562, B01J 23/6565, B01J 23/6567, B01J 23/66, B01J 23/68, B01J 23/681, B01J 23/682, B01J 23/683, B01J 23/685, B01J 23/686, B01J 23/687, B01J 23/688, B01J 23/70, B01J 23/72, B01J 23/74, B01J 23/745, B01J 23/75, B01J 23/755, B01J 23/76, B01J 23/78, B01J 23/80, B01J 23/825, B01J 23/83, B01J 23/835, B01J 23/84, B01J 23/843, B01J 23/8432, B01J 23/8435, B01J 23/8437, B01J 23/847, B01J 23/8472, B01J 23/8474, B01J 23/8476, B01J 23/8478, B01J 23/85, B01J 23/86, B01J 23/862, B01J 23/864, B01J 23/866, B01J 23/868, B01J 23/88, B01J 23/881, B01J 23/882, B01J 23/883, B01J 23/885, B01J 23/887, B01J 23/8871, B01J 23/8872, B01J 23/8873, B01J 23/8874, B01J 23/8875, B01J 23/8876, B01J 23/8877, B01J 23/8878, B01J 23/888, B01J 23/8885, B01J 23/889, B01J 23/8892, B01J 23/8894, B01J 23/8896, B01J 23/8898, B01J 23/89, B01J 23/8906, B01J 23/8913, B01J 23/892, B01J 23/8926, B01J 23/8933, B01J 23/894, B01J 23/8946, B01J 23/8953, B01J 23/896, B01J 23/8966, B01J 23/8973, B01J 23/898, B01J 23/8986, B01J 23/8993, B01J 23/90, B01J 23/92, B01J 23/94, B01J 23/96, B01J 25/00, B01J 25/02, B01J 25/04, B01J 27/00, B01J 27/02, B01J 27/04, B01J 27/043, B01J 27/045, B01J 27/047, B01J 27/049, B01J 27/051, B01J 27/0515, B01J 27/053, B01J 27/055, B01J 27/057, B01J 27/0573, B01J 27/0576, B01J 27/06, B01J 27/08, B01J 27/10, B01J 27/12, B01J 27/122, B01J 27/125, B01J 27/128, B01J 27/13, B01J 27/132, B01J 27/135, B01J 27/138, B01J 27/14, B01J 27/16, B01J 27/18, B01J 27/1802, B01J 27/1804, B01J 27/1806, B01J 27/1808, B01J 27/1811, B01J 27/1813, B01J 27/1815, B01J 27/1817, B01J 27/182, B01J 27/185, B01J 27/1853, B01J 27/1856, B01J 27/186, B01J 27/187, B01J 27/188, B01J 27/19, B01J 27/192, B01J 27/195, B01J 27/198, B01J 27/199, B01J 27/20, B01J 27/22, B01J 27/224, B01J 27/228, B01J 27/232, B01J 27/236, B01J 27/24, B01J 27/25, B01J 27/26, B01J 27/28, B01J 27/285, B01J 27/30, B01J 27/32, B01J 29/00, B01J 29/005, B01J 29/03, B01J 29/0308, B01J 29/0316, B01J 29/0325, B01J 29/0333, B01J 29/0341, B01J 29/035, B01J 29/0352, B01J 29/0354, B01J 29/0356, B01J 29/0358, B01J 29/04, B01J 29/041, B01J 29/042, B01J 29/043, B01J 29/044, B01J 29/045, B01J 29/046, B01J 29/047, B01J 29/048, B01J 29/049, B01J 29/06, B01J 29/061, B01J 2029/062, B01J 29/064, B01J 29/068, B01J 29/072, B01J 29/076, B01J 29/08, B01J 2029/081, B01J 29/082,



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<b>Type</b>	<b><u>From CPC Symbol (existing)</u></b>	<b><u>To CPC Symbol</u></b>
		B01J 29/084, B01J 29/085, B01J 29/087, B01J 29/088, B01J 29/10, B01J 29/103, B01J 29/106, B01J 29/12, B01J 29/123, B01J 29/126, B01J 29/14, B01J 29/143, B01J 29/146, B01J 29/16, B01J 29/163, B01J 29/166, B01J 29/18, B01J 29/185, B01J 29/20, B01J 29/22, B01J 29/24, B01J 29/26, B01J 29/40, B01J 29/405, B01J 29/42, B01J 29/44, B01J 29/46, B01J 29/48, B01J 29/50, B01J 29/505, B01J 29/52, B01J 29/54, B01J 29/56, B01J 29/58, B01J 29/60, B01J 29/605, B01J 29/61, B01J 29/62, B01J 29/63, B01J 29/64, B01J 29/65, B01J 29/655, B01J 29/66, B01J 29/67, B01J 29/68, B01J 29/69, B01J 29/70, B01J 29/7003, B01J 29/7007, B01J 29/7011, B01J 29/7015, B01J 29/7019, B01J 29/7023, B01J 29/7026, B01J 29/703, B01J 29/7034, B01J 29/7038, B01J 29/7042, B01J 29/7046, B01J 29/7049, B01J 29/7053, B01J 29/7057, B01J 29/7061, B01J 29/7065, B01J 29/7069, B01J 29/7073, B01J 29/7076, B01J 29/708, B01J 29/7084, B01J 29/7088, B01J 29/7092, B01J 29/7096, B01J 29/72, B01J 29/7207, B01J 29/7215, B01J 29/7223, B01J 29/723, B01J 29/7238, B01J 29/7246, B01J 29/7253, B01J 29/7261, B01J 29/7269, B01J 29/7276, B01J 29/7284, B01J 29/7292, B01J 29/74, B01J 29/7407, B01J 29/7415, B01J 29/7423, B01J 29/743, B01J 29/7438, B01J 29/7446, B01J 29/7453, B01J 29/7461, B01J 29/7469, B01J 29/7476, B01J 29/7484, B01J 29/7492, B01J 29/76, B01J 29/7607, B01J 29/7615, B01J 29/7623, B01J 29/763, B01J 29/7638, B01J 29/7646, B01J 29/7653, B01J 29/7661, B01J 29/7669, B01J 29/7676, B01J 29/7684, B01J 29/7692, B01J 29/78, B01J 29/7807, B01J 29/7815, B01J 29/7823, B01J 29/783, B01J 29/7838, B01J 29/7846, B01J 29/7853, B01J 29/7861, B01J 29/7869, B01J 29/7876, B01J 29/7884, B01J 29/7892, B01J 29/80, B01J 29/82, B01J 29/83, B01J 29/84, B01J 29/85, B01J 29/86, B01J 29/87, B01J 29/88, B01J 29/89, B01J 29/90, B01J 33/00, B01J 35/00, B01J 35/0006, B01J 35/0013, B01J 35/002, B01J 35/0026, B01J 35/0033, B01J 35/004, B01J 35/0046, B01J 35/0053, B01J 35/006, B01J 35/0066, B01J 35/0073, B01J 35/008, B01J 35/0086, B01J 35/0093, B01J 35/02, B01J 35/023, B01J 35/026, B01J 35/04, B01J 35/06, B01J 35/065, B01J 35/08, B01J 35/10, B01J 35/1004, B01J 35/1009, B01J 35/1014, B01J 35/1019, B01J 35/1023, B01J 35/1028, B01J 35/1033, B01J 35/1038, B01J 35/1042, B01J 35/1047, B01J 35/1052, B01J 35/1057, B01J 35/1061, B01J 35/1066, B01J 35/1071, B01J 35/1076, B01J 35/108, B01J 35/1085, B01J 35/109, B01J 35/1095, B01J 35/12, B01J 37/00, B01J 37/0009, B01J 37/0018, B01J 37/0027, B01J 37/0036, B01J 37/0045, B01J 37/0054, B01J 37/0063, B01J 37/0072, B01J 37/0081, B01J 37/009, B01J 37/02, B01J 37/0201, B01J 37/0203, B01J 37/0205, B01J 37/0207, B01J 37/0209, B01J 37/0211, B01J 37/0213, B01J 37/0215, B01J 37/0217, B01J 37/0219, B01J 37/0221, B01J 37/0223, B01J 37/0225, B01J 37/0226, B01J 37/0228, B01J 37/023, B01J 37/0232, B01J 37/0234, B01J 37/0236, B01J 37/0238, B01J 37/024, B01J 37/0242, B01J 37/0244, B01J 37/0246, B01J 37/0248, B01J 37/03, B01J 37/031, B01J 37/033, B01J 37/035, B01J 37/036, B01J 37/038, B01J 37/04, B01J 37/06, B01J 37/08, B01J 37/082, B01J 37/084, B01J 37/086, B01J 37/088, B01J 37/10, B01J 37/105, B01J 37/12, B01J 37/14, B01J 37/16, B01J 37/18, B01J 37/20, B01J 37/22, B01J 37/24, B01J 37/26, B01J 37/28, B01J 37/30, B01J 37/32, B01J 37/34, B01J 37/341, B01J 37/342, B01J 37/343, B01J 37/344, B01J 37/345, B01J 37/346, B01J 37/347, B01J 37/348, B01J 37/349, B01J 37/36, B01J 38/00, B01J 2038/005, B01J 38/02, B01J 38/04, B01J 38/06, B01J 38/08, B01J 38/10, B01J 38/12, B01J 38/14, B01J 38/16, B01J 38/18, B01J 38/20, B01J 38/22, B01J 38/24,

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<u>Type</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol</u>
		B01J 38/26, B01J 38/28, B01J 38/30, B01J 38/32, B01J 38/34, B01J 38/36, B01J 38/38, B01J 38/40, B01J 38/42, B01J 38/44, B01J 38/46, B01J 38/48, B01J 38/485, B01J 38/50, B01J 38/52, B01J 38/54, B01J 38/56, B01J 38/58, B01J 38/60, B01J 38/62, B01J 38/64, B01J 38/66, B01J 38/68, B01J 38/70, B01J 38/72, B01J 38/74

\* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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## 5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
C01B 33/46	B01J 32/00	Relationships with other classification places	<p><u>Replace</u> the first paragraph in the Relationships with other classification places section with the following:</p> <p>Catalysts comprising molecular sieves are classified in the group B01J 29/00. Catalyst carriers are covered by appropriate groups of B01J 21/00 - B01J 29/00.</p>
C01B 39/54	B01J 32/00	Relationships with other classification places	<p><u>Replace</u> the paragraph in the Relationships with other classification places section with the following:</p> <p>Catalysts compositions are classified in the groups B01J 21/00 - B01J 29/00. Catalyst carriers are covered by appropriate groups of B01J 21/00 - B01J 29/00.</p>
C08J 3/00	B01J 32/00	Limiting references	<p><u>Delete</u> from the Limiting references table the following row.</p> <p>Catalyst carrier          B01J32/00</p>

## NOTES:

- The CRL tables above are used for changes to locations outside of the project scope. Changes to references in scheme titles or definitions inside the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.