



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 85 96 22

Classification of the application (IPC):
B22F 9/26, C22B 3/08, C22B 23/00

Technical fields searched (IPC):
C22C, C22B, B22F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<p>NEEDES C R S ET AL In: "Kinetics of reduction of cobalt in aqueous ammoniacal ammonium sulphate solutions by hydrogen", LEACHING AND REDUCTION IN HYDROMETALLURGY, INSTITUTION OF MINING AND METALLURGY, LONDON, PAGE(S) 97 - 101, 01 January 1975 (1975-01-01), ISBN: 978-0-900488-27-6, XP009511058</p> <p>* abstract *</p> <p>* Investigation of seed materials, page 98 *</p> <p>* Effect of temperature, pages 100-101 *</p> <p>* table 3 *</p>	1-3
A	<p>WO 2015122535 A1 (KOCHI UNIVERSITY NAT UNIVERSITY CORP [JP]; SUMITOMO METAL MINING CO [J]) 20 August 2015 (2015-08-20)</p> <p>* abstract *</p>	1-3
E	<p>& EP 3108986 A1 (KOCHI UNIV NAT UNIV CORP [JP]; SUMITOMO METAL MINING CO [JP]) 28 December 2016 (2016-12-28)</p> <p>* abstract *</p> <p>* paragraphs [0010], [0014], [0024] - [0031] *</p>	1-3
A	<p>W KUNDA ET AL: "THE REDUCTION OF COBALT FROM ITS AQUEOUS AMMINE AMMO- NIUM SULPHATE SYSTEM USING HYDROGEN UNDER PRESSURE" <i>HYDROMETALLURGY</i>, 01 January 1979 (1979-01-01), vol. 4, no. 4, pages 347-375, XP055380158</p> <p>* abstract *</p> <p>* 1. Introduction, page 347;2. Densification reductions, pages 361-366;3. Physical properties of the cobalt powders, pages 366-371;Conclusions, page 374. *</p>	1-3

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 08 February 2019	Examiner Gomes Pinto F., R
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
| | L: document cited for other reasons |
| & : member of the same patent family, corresponding document | |

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 08-02-2019
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2015122535 A1	20-08-2015	AU 2015216113 A1	01-09-2016
		AU 2015216114 A1	01-09-2016
		CA 2939493 A1	20-08-2015
		CA 2939513 A1	20-08-2015
		CN 106029268 A	12-10-2016
		CN 106029269 A	12-10-2016
		EP 3108986 A1	28-12-2016
		EP 3144084 A1	22-03-2017
		JP 6099601 B2	22-03-2017
		JP 2015166488 A	24-09-2015
		PH 12016501628 A1	06-02-2017
		PH 12016501637 A1	06-02-2017
		US 2016354844 A1	08-12-2016
		US 2016368059 A1	22-12-2016
		WO 2015122534 A1	20-08-2015
		WO 2015122535 A1	20-08-2015
EP 3108986 A1	28-12-2016	AU 2015216113 A1	01-09-2016
		AU 2015216114 A1	01-09-2016
		CA 2939493 A1	20-08-2015
		CA 2939513 A1	20-08-2015
		CN 106029268 A	12-10-2016
		CN 106029269 A	12-10-2016
		EP 3108986 A1	28-12-2016
		EP 3144084 A1	22-03-2017
		JP 6099601 B2	22-03-2017
		JP 2015166488 A	24-09-2015
		PH 12016501628 A1	06-02-2017
		PH 12016501637 A1	06-02-2017
		US 2016354844 A1	08-12-2016
		US 2016368059 A1	22-12-2016
		WO 2015122534 A1	20-08-2015
		WO 2015122535 A1	20-08-2015