

INTERNATIONAL SEARCH REPORT

International application No
PCT/FR2012/000061

A. CLASSIFICATION OF SUBJECT MATTER

INV. C22C21/00 C22B9/02 C22F1/04 B22D1/00
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C22C C22B C22F B22D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 564 059 A (DOBATKIN VLADIMIR I [SU] ET AL) 14 January 1986 (1986-01-14) the whole document	1-15
A	----- US 2007/235159 A1 (HAN QINGYOU [US] ET AL) 11 October 2007 (2007-10-11) cited in the application the whole document	1-15
A	----- WO 00/65109 A1 (PECHINEY RHENALU [FR]; PECHINEY ALUMINIUM [FR]; LE BRUN PIERRE [FR]; L) 2 November 2000 (2000-11-02) cited in the application the whole document	1-15
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Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

3 July 2012

Date of mailing of the international search report

10/07/2012

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PCT/FR2012/000061

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	EP 0 027 052 A1 (SHOWA ALUMINIUM CO LTD [JP]) 15 April 1981 (1981-04-15) the whole document -----	1-15
A	WO 93/19873 A2 (MOUNTFORD NORMAN D G [CA]; SOMMERVILLE IAIN D [CA]) 14 October 1993 (1993-10-14) the whole document -----	1-15
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A	FR 1 137 785 A (INST RECH S METALLURG) 4 June 1957 (1957-06-04) page 1, left-hand column -----	1-15
A,P	WO 2011/127402 A1 (RUNDQUIST VICTOR F [US]; GILL KEVIN S [US]) 13 October 2011 (2011-10-13) the whole document -----	1-15

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Information on patent family members

International application No

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