

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X,P	WO 2014/143983 A1 (CRS HOLDINGS INC [US]) 18 September 2014 (2014-09-18) * the whole document *	1-17	INV. C22C14/00
X	----- SEMENOVA I P ET AL: "Enhanced fatigue properties of ultrafine-grained Ti rods processed by ECAP-Conform", JOURNAL OF MATERIALS SCIENCE, KLUWER ACADEMIC PUBLISHERS, BO, vol. 47, no. 22, 6 July 2012 (2012-07-06), pages 7777-7781, XP035107879, ISSN: 1573-4803, DOI: 10.1007/S10853-012-6675-9 * page 7778 *	1-17	
X	----- US 2011/179848 A1 (VALIEV RUSLAN ZUFAROVICH [RU] ET AL) 28 July 2011 (2011-07-28) * paragraphs [0017], [0027] - [0029] *	1-17	
			TECHNICAL FIELDS SEARCHED (IPC)
			C22F C22C
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 Munich		Date of completion of the search 27 September 2017	Examiner Brown, Andrew
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 15 81 1866

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-09-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2014143983 A1	18-09-2014	AU 2014228015 A1	01-10-2015
		CA 2907174 A1	18-09-2014
		CN 105102644 A	25-11-2015
		EP 2971201 A1	20-01-2016
		HK 1211993 A1	03-06-2016
		JP 2016519713 A	07-07-2016
		KR 20160012986 A	03-02-2016
		US 2014271336 A1	18-09-2014
		WO 2014143983 A1	18-09-2014
		US 2011179848 A1	28-07-2011
CA 2741524 A1	29-04-2010		
CN 102232124 A	02-11-2011		
EP 2366808 A2	21-09-2011		
ES 2497508 T3	23-09-2014		
JP 5536789 B2	02-07-2014		
JP 2012506290 A	15-03-2012		
KR 20110102309 A	16-09-2011		
RU 2383654 C1	10-03-2010		
US 2011179848 A1	28-07-2011		
WO 2010047620 A2	29-04-2010		