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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 91 31 04

Classification of the application (IPC):
C22C 30/00, C22C 30/02

Technical fields searched (IPC):
C22C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 106119663 A (ANHUI RUITAI NEW MAT TECH CO LTD) 16 November 2016 (2016-11-16) * abstract * * example 2 *	1-10
X	FR 3026748 A1 (ASS POUR LA RECH ET LE DEV DE METHODES ET PROCESSUS IND ARMINES [FR]) 08 April 2016 (2016-04-08) * abstract * * example X2 *	1, 2, 6
X	WANG ZHANGWEI ET AL: "Interstitial strengthening of a f.c.c. FeNiMnAlCr high entropy alloy" <i>MATERIALS LETTERS, ELSEVIER, AMSTERDAM, NL</i> , 28 May 2016 (2016-05-28), vol. 180, DOI: 10.1016/J.MATLET.2016.05.122, ISSN: 0167-577X, pages 153-156, XP029628844 * abstract * * table 1 *	1, 6
X	CHIN-YOU HSU ET AL: "Wear resistance and high-temperature compression strength of Fcc CuCoNiCrAl _{0.5} Fe alloy with boron addition" <i>METALLURGICAL AND MATERIALS TRANSACTIONS A, SPRINGER- VERLAG, NEW YORK</i> , 01 May 2004 (2004-05-01), vol. 35, no. 5, ISSN: 1543-1940, pages 1465-1469, XP019694824 * abstract * * table 1 *	1, 6
X	C. ZHANG ET AL: "Evolution of the microstructure and properties of laser- clad FeCrNiCoB x high-entropy alloy coatings" <i>MATERIALS SCIENCE AND TECHNOLOGY GB</i> 29 January 2016 (2016-01-29), vol. 32, no. 16, DOI: 10.1080/02670836.2015.1138035, ISSN: 0267-0836, pages 1666-1672, XP055750825 * abstract * * Experimental procedures, x=0.5 *	1, 6

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 17 November 2020	Examiner Rosciano, Fabio
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CATEGORY OF CITED DOCUMENTS

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
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O: non-written disclosure	D: document cited in the application
&: member of the same patent family, corresponding document	L: document cited for other reasons

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<p>XIAOTAO LIU ET AL: "Effect of Boron on the Microstructure, Phase Assemblage and Wear Properties of Al_{0.5}CoCrCuFeNi High-Entropy Alloy" <i>RARE METAL MATERIALS AND ENGINEERING</i>, 30 September 2016 (2016-09-30), vol. 45, no. 9, DOI: 10.1016/S1875-5372(17)30003-6, ISSN: 1875-5372, pages 2201-2207, XP029884502</p> <p>* abstract *</p> <p>* x = 0.2;table 1 *</p>	1, 6
X	<p>US 2017233855 A1 (PARK EUN SOO [KR] ET AL) 17 August 2017 (2017-08-17)</p> <p>* abstract *</p> <p>* paragraph [0019] - paragraph [0023] *</p>	11-14

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 17 November 2020	Examiner Rosciano, Fabio
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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
& : member of the same patent family, corresponding document	L: document cited for other reasons

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 106119663	A	16-11-2016	NONE	
FR 3026748	A1	08-04-2016	NONE	
US 2017233855	A1	17-08-2017	NONE	