



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 15 90 82 84

Classification of the application (IPC):

C21D 1/00, C21D 1/06, C21D 1/767, C21D 1/19, C21D 1/613, C21D 9/40

Technical fields searched (IPC):

C21D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	JP 2005344183 A (TANIGUCHI HIROHISA) 15 December 2005 (2005-12-15) * paragraphs [0009], [0010], [0015], [0016], [0051], [0052], [0057]; figures 9,10 * * abstract *	1-4
X	WO 2006042538 A1 (ALD VACUUM TECHN GMBH [DE]; HEUER VOLKER [DE]; LOESER KLAUS [DE]) 27 April 2006 (2006-04-27) * page 6, paragraph 3 - page 7, paragraph 1; claims 1-3; figure 2 * * page 8, paragraph 1 *	1-4
X	KOWALEWSKI J: "DESIGN AND APPLICATION OF VACUUM FURNACES WITH 2.6 AND 10/20 BAR GAS QUENCHING CAPABILITIES" <i>SOCIETY OF MANUFACTURING ENGINEERS. TECHNICAL PAPER, SOCIETY OF MANUFACTURING ENGINEERS, DEARBORN, MI, US</i> , 11 February 1999 (1999-02-11), ISSN: 0191-085X, pages MF99-213, XP009062983 * page 14 *	1, 2, 4
A	WO 9902744 A1 (SKF IND TRADING & DEV [NL]; KAPAAN HENDRIKUS JAN [NL]; NOORLANDER CORN) 21 January 1999 (1999-01-21) * page 6; figure 4 *	1, 4
A	EP 2604710 A1 (LINDE AG [DE]) 19 June 2013 (2013-06-19) * paragraph [0045] - paragraph [0048] *	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 Munich	Date of completion of the search 13 August 2018	Examiner Lilimpakis, Emmanuel
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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
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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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 13-08-2018
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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