



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 76 31 22

Classification of the application (IPC):

C23C 16/455, C23C 16/54, C23C 16/48, C23C 16/40, C23C 16/02, H01L 39/24, C23C
H01B 13/00, H01B 12/06

Technical fields searched (IPC):

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 8124170 B1 (IGNATIEV ALEX [US] ET AL) 28 February 2012 (2012-02-28) * column 3, line 55 - line 59 * * figures 6A, 6B * * column 8, lines 56-58 * * column 8, line 65 - line 67 * * column 9, line 10 - line 11 * * column 9, line 57 - line 59 * * column 9, line 42 - line 51 * * column 9, line 5 - line 7 *	1-15
A	US 2010009064 A1 (LEE HEE-GYOUN [KR] ET AL) 14 January 2010 (2010-01-14) * paragraphs [0012], [0134], [0049], [0050], [0067]; figures 1, 5B, 7 *	1-15

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 01 October 2022	Examiner Engelen, Karen
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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 01-10-2022
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 8124170	B1	28-02-2012	US	8124170 B1	28-02-2012
			US	2012318196 A1	20-12-2012
US 2010009064	A1	14-01-2010	US	2005223984 A1	13-10-2005
			US	2010009064 A1	14-01-2010
			WO	2006022860 A2	02-03-2006