



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 82 04 30

Classification of the application (IPC):
C23C 16/30, C23C 16/50, C23C 16/04

Technical fields searched (IPC):
C23C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2013217240 A1 (MALLICK ABHIJIT BASU [US] ET AL) 22 August 2013 (2013-08-22) * paragraphs [0004], [0018], [0019], [0020], [0026], [0029], [0030], [0031], [0032], [0033], [0034], [0036], [0038], [0048], [0064] *	1-9, 11, 12 10
Y	US 2015196933 A1 (MANNA PRAMIT [US] ET AL) 16 July 2015 (2015-07-16) * paragraphs [0018], [0026], [0032] *	10
X Y A	WO 2017147150 A1 (VERSUM MAT US LLC [US]) 31 August 2017 (2017-08-31) * paragraphs [0052] - [0072]; claims 1,8,9,13,23, 24; examples 1-8 *	11 10 1-9, 12

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 05 January 2022	Examiner Schwake, Andree
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| 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 |
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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 05-01-2022
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