



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 89 17 87

Classification of the application (IPC):

A24B 15/167, A24B 15/26, C11B 9/00, A24B 13/00, A24B 15/12, A24B 15/24

Technical fields searched (IPC):

A24B, C11B, A24D, A23L, A24F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 100548954 C (SHANXI COAL CHEM INST [CN]) 14 October 2009 (2009-10-14) * claims; examples *	1-10, 12
X	US 9265284 B2 (REYNOLDS TOBACCO CO R [US]) 23 February 2016 (2016-02-23) * column 11, line 48 - column 15, line 45; claims; examples *	1-19
X	US 2020187551 A1 (PONTES OSCAR FRANCISCO SWENSON [BR] ET AL) 18 June 2020 (2020-06-18) * claims *	9-19

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 15 July 2024	Examiner Smeets, Dieter
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
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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 15-07-2024
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
CN 100548954	C	14-10-2009	NONE		
US 9265284	B2	23-02-2016	CN	106255424 A	21-12-2016
			EP	3094193 A1	23-11-2016
			JP	6563405 B2	21-08-2019
			JP	2017502681 A	26-01-2017
			JP	2019205452 A	05-12-2019
			US	2015201669 A1	23-07-2015
			US	2016213056 A1	28-07-2016
			WO	2015109085 A1	23-07-2015
US 2020187551	A1	18-06-2020	AR	111655 A1	07-08-2019
			BR	102017017521 A2	21-11-2018
			CN	110536611 A	03-12-2019
			EP	3614868 A1	04-03-2020
			JP	2020517277 A	18-06-2020
			US	2020187551 A1	18-06-2020
			US	2023165300 A1	01-06-2023
			WO	2018197879 A1	01-11-2018