Europäisches Patentamt
European Patent Office
Office européen des brevets

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 92 78 27

Classification of the application (IPC):
F23J 15/00, ***F23G 5/027***

Technical fields searched (IPC):
F23G

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2019032917 A1 (KANEKO MASAMOTO [JP]) 31 January 2019 (2019-01-31) * paragraphs [0001], [0002]; figure 1 * * paragraph [0008] * * paragraph [0051] - paragraph [0059] * * paragraph [0064] - paragraph [0067] * * paragraph [0070] - paragraph [0087] *	1-5
A	US 2004103831 A1 (POPE MICHAEL G [US]) 03 June 2004 (2004-06-03) * paragraphs [0030], [0059]; figures 1,2,3A-3C,9 * * paragraph [0067] - paragraph [0069] * * paragraph [0077] - paragraph [0079] *	1-5
A	JP H09170732 A (YOSHINAKA SATORU) 30 June 1997 (1997-06-30) * paragraph [0001]; figures 1,3 *	1-5

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	Date of completion of the search	Examiner
Munich	17 October 2022	Hauck, Gunther

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A: technological background
O: non-written disclosure
P: intermediate document
T: theory or principle underlying the invention
E: earlier patent document, but published on, or after the filing date
D: document cited in the application
L: document cited for other reasons
& : member of the same patent family, corresponding document

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.

EP 3 951 265 A4

© 2020 org.epo.publication.kb xsl stylesheet v1.0.1SRnfp

Europäisches Patentamt
European Patent Office
Office européen des brevets

ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 92 78 27

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 17-10-2022
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2019032917 A1	31-01-2019	CN 108603662 A	28-09-2018
		JP 6745535 B2	26-08-2020
		JP WO2017131158 A1	15-11-2018
		KR 20180108692 A	04-10-2018
		US 2019032917 A1	31-01-2019
		WO 2017130388 A1	03-08-2017
		WO 2017131158 A1	03-08-2017
US 2004103831 A1	03-06-2004	AU 2003233631 A1	02-12-2003
		CA 2482557 A1	27-11-2003
		EP 1509726 A1	02-03-2005
		GB 2403284 A	29-12-2004
		US 2004103831 A1	03-06-2004
		WO 03098111 A1	27-11-2003
JP H09170732 A	30-06-1997	JP 3033015 B2	17-04-2000
		JP H09170732 A	30-06-1997

EP 3 951 265 A4

© 2020 org.epo.publication.kb xsl stylesheet v1.0.1SRnfp

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.