



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 86 00 83

Classification of the application (IPC):
A47K 10/38, A47K 10/36, B26D 1/62, B26F 3/02

Technical fields searched (IPC):
A47K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 6363824 B1 (GRANGER MAURICE [FR]) 02 April 2002 (2002-04-02) * column 4, line 49 - column 5, line 50; figures *	1-4, 11
A	US 6497167 B1 (GRANGER MAURICE [FR]) 24 December 2002 (2002-12-24) * column 4, line 34 - line 40; claims; figures *	1
A	US 6460798 B1 (HAEN WILLIAM G [US] ET AL) 08 October 2002 (2002-10-08) * column 10, line 65 - column 12, line 25; figures *	1

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 09 April 2020	Examiner Fordham, Alan
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CATEGORY OF CITED DOCUMENTS

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|---|--|
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| 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 |
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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 09-04-2020
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6363824 B1	02-04-2002	AT 270839 T	15-07-2004
		AU 1161799 A	16-06-1999
		DE 69825082 T2	11-08-2005
		EP 1043946 A1	18-10-2000
		FR 2771620 A1	04-06-1999
		US 6363824 B1	02-04-2002
		WO 9927833 A1	10-06-1999
		ZA 9810768 B	21-06-1999
US 6497167 B1	24-12-2002	AT 242992 T	15-07-2003
		AU 3040899 A	13-12-1999
		CA 2331161 A1	02-12-1999
		DE 69908942 T2	19-05-2004
		EP 1083814 A1	21-03-2001
		FR 2778836 A1	26-11-1999
		TW 402495 B	21-08-2000
		US 6497167 B1	24-12-2002
		WO 9960906 A1	02-12-1999
US 6460798 B1	08-10-2002	CA 2358059 A1	10-04-2002
		US 6460798 B1	08-10-2002