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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 13 90 0141

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 027 881 A (HORST WERNER S [US] ET AL) 2 July 1991 (1991-07-02) * column 4, lines 6-25 * * column 2, line 27 - column 4, line 2 * -----	1-3	INV. B22D11/12 B22D11/00 C22B15/00 C22F1/08
X	US 6 589 474 B1 (PARK WON WOOK [KR] ET AL) 8 July 2003 (2003-07-08) * paragraph [Summary.of.the.invention] * * column 3, lines 27-57 * * column 3, line 62 - column 4, line 11 * -----	1-3	
A	RU 2 089 334 C1 (BERENT V JA) 10 September 1997 (1997-09-10) * abstract * -----	1-3	

TECHNICAL FIELDS SEARCHED (IPC)
B22D C22F C22B

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	29 June 2017	Lombois, Thierry

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
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T : theory or principle underlying the invention
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D : document cited in the application
L : document cited for other reasons

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 13 90 0141

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
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29-06-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5027881 A	02-07-1991	AT 66840 T	15-09-1991
		AU 640342 B2	26-08-1993
		CA 1327111 C	22-02-1994
		DE 3714139 A1	22-10-1987
		EP 0363375 A1	18-04-1990
		NZ 224397 A	29-01-1991
		US 5027881 A	02-07-1991
		WO 8808344 A1	03-11-1988
US 6589474 B1	08-07-2003	KR 20010003989 A	15-01-2001
		US 6589474 B1	08-07-2003
RU 2089334 C1	10-09-1997	NONE	