



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 22 76 42 33

**Classification of the application (IPC):**  
A47J 37/12, F23L 17/00, F23D 99/00, F24H 9/00, F28F 1/40

**Technical fields searched (IPC):**  
A47J

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 5611330 A (CORLISS JOHN M [US] ET AL) 18 March 1997 (1997-03-18) * column 3, lines 9-59; figure 1 *	1-15
X	US 5819638 A (YOKOYAMA NOBUYOSHI [JP]) 13 October 1998 (1998-10-13) * column 2, line 16 - column 4, line 3; figures 1-3 *	1-15
A	US 6178964 B1 (MCFADDEN DAVID H [US] ET AL) 30 January 2001 (2001-01-30) * column 3, line 13 - column 4, line 12; figures 2,3 *	6-8

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 12 July 2024	Examiner Leblanc, Romain
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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                                   |
| & : member of the same patent family, corresponding document                    | L: document cited for other reasons                                    |

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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 12-07-2024  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5611330	A	18-03-1997	NONE	
US 5819638	A	13-10-1998	JP H1043063 A	17-02-1998
			KR 19980018143 A	05-06-1998
			US 5819638 A	13-10-1998
US 6178964	B1	30-01-2001	NONE	