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## SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

under Rule 62a and/or 63 of the European Patent Convention. This report shall be considered, for the purposes of subsequent proceedings, as the European search report

Application number:  
EP 20 84 44 42

**Classification of the application (IPC):**  
C25C 3/02, C25C 7/00, C25C 7/02, C25C 7/04, C25C 7/06

**Technical fields searched (IPC):**  
C25C

### DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y A	US 4988417 A (DEYOUNG DAVID H [US]) 29 January 1991 (1991-01-29) * the whole document *	10, 12, 13, 15 11, 14
Y A	US 4089770 A (LEMKE CHARLES H) 16 May 1978 (1978-05-16) * the whole document *	10, 12, 13, 15 11, 14

### INCOMPLETE SEARCH

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R. 62a, 63) has been carried out.

Claim(s) completely searchable: 10-15

Claim(s) not searched: 1-9

#### Reason for the limitation of the search:

**[0001]** See point 4.1 of accompanying opinion.

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 Munich	Date of completion of the search 08 December 2023	Examiner Ritter, Thomas
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### CATEGORY OF CITED DOCUMENTS

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 PARTIAL EUROPEAN SEARCH REPORT

Application number:  
EP 20 84 44 42

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 08-12-2023  
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 4988417	A	29-01-1991	NONE	
US 4089770	A	16-05-1978	BE DE FR GB IT JP JP NL US	868904 A 2830490 A1 2397473 A1 1596097 A 1098663 B S5418412 A S6117914 B2 7807436 A 4089770 A
				11-01-1979 25-01-1979 09-02-1979 19-08-1981 07-09-1985 10-02-1979 09-05-1986 15-01-1979 16-05-1978