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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 5738

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 3 164 099 A (HITOSI IYOI) 5 January 1965 (1965-01-05)	1,2,5	F04C2/16
Y	* column 1, line 10 - line 19 * * column 2, line 5 - column 3, line 60; figures 1-7 * * column 4, line 11 - line 21 * ---	3,4	
X	US 1 742 597 A (HOKE) 7 January 1930 (1930-01-07) * page 1, line 61 - line 77 * * page 2, line 47 - line 54 * * page 2, line 108 - line 114 * * page 3, line 23 - line 75; figures 1-4,12 * ---	1,2,5	
X	DE 43 30 085 A (VOGELSANG MASCHINENBAU) 9 March 1995 (1995-03-09) * column 1, line 32 - line 62 * * column 2, line 8 - line 10; figure 3B * ---	1	
Y	EP 0 405 161 A (ALLWEILER AG) 2 January 1991 (1991-01-02) * column 2, line 50 - column 3, line 18 * * column 3, line 55 - column 5, line 13; figures * * column 5, line 27 - line 39 * ---	3,4	TECHNICAL FIELDS SEARCHED (Int.Cl.7) F04C
Y	GB 2 023 739 A (ALLWEILER AG) 3 January 1980 (1980-01-03) * page 2, line 26 - line 65; figure 1 * ---	3,4	
Y	US 4 017 223 A (BLACKWELL) 12 April 1977 (1977-04-12) * column 4, line 12 - line 66; figures 1,2 * -----	3,4	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 May 2002	Examiner Kapoulas, T
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	

EPO FORM 1503 03 82 (F04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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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
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15-05-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 3164099	A	05-01-1965	DE	1553078 A1	29-01-1970
			GB	1011167 A	24-11-1965
US 1742597	A	07-01-1930	NONE		
DE 4330085	A	09-03-1995	DE	4330085 A1	09-03-1995
EP 405161	A	02-01-1991	DE	3920901 A1	03-01-1991
			AT	131254 T	15-12-1995
			DE	59009942 D1	18-01-1996
			EP	0405161 A1	02-01-1991
GB 2023739	A	03-01-1980	DE	2828348 A1	10-01-1980
			CH	641250 A5	15-02-1984
			FR	2429909 A1	25-01-1980
US 4017223	A	12-04-1977	BE	832762 A1	26-02-1976
			BR	7504910 A	21-09-1976
			CA	1041835 A1	07-11-1978
			DE	2536189 A1	07-10-1976
			FR	2305615 A1	22-10-1976
			GB	1497159 A	05-01-1978
			IT	1040136 B	20-12-1979
			JP	987357 C	21-02-1980
			JP	51110703 A	30-09-1976
			JP	54019601 B	17-07-1979
			NL	7509149 A	28-09-1976
			SE	418888 B	29-06-1981
			SE	7508663 A	25-09-1976