





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 02 02 1700

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 5 052 187 A (ROBINSON JR GLEN P) 1 October 1991 (1991-10-01)	1	F24D17/02
Y	* column 4, line 40 - column 5, line 28; figure 1 *	5	F24D19/10
	---		F24H4/04
			F24H9/20
X	EP 0 686 816 A (CTC FERRO FIL A S) 13 December 1995 (1995-12-13)	1	
Y	* column 1, line 47 - column 2, line 33; claim 3; figure 1 *	5	
	---		
X	JP 2001 263800 A (DAIKIN IND LTD) 26 September 2001 (2001-09-26)	1-4	
	* paragraph [0023] - paragraph [0024]; figure 2 *		
	---		
Y	PATENT ABSTRACTS OF JAPAN vol. 018, no. 411 (M-1648), 2 August 1994 (1994-08-02)	5	
	& JP 06 117692 A (MATSUSHITA ELECTRIC IND CO LTD), 28 April 1994 (1994-04-28)		
	* abstract *		
	---		
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26, 1 July 2002 (2002-07-01)	2-4	F24D
	& JP 2001 263803 A (DAIKIN IND LTD), 26 September 2001 (2001-09-26)		F24H
	* abstract *		
	---		
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01, 31 January 1997 (1997-01-31)	2-4	
	& JP 08 233366 A (DAIKIN IND LTD), 13 September 1996 (1996-09-13)		
	* abstract *		
	---		
	-/--		
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>20 November 2003</b>	Examiner <b>Arndt, M</b>
CATEGORY OF CITED DOCUMENTS		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	
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			

EPO FORM 1503 03.82 (P04001)



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 02 02 1700

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)
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09, 31 July 1998 (1998-07-31) & JP 10 089795 A (DAIKIN IND LTD), 10 April 1998 (1998-04-10) * abstract * -----	2-4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>20 November 2003</b>	Examiner <b>Arndt, M</b>
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 (P04C01)

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

EP 02 02 1700

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  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information. ...

20-11-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5052187 A	01-10-1991	US 4955930 A	11-09-1990
EP 0686816 A	13-12-1995	AT 176311 T	15-02-1999
		DE 69507540 D1	11-03-1999
		DE 69507540 T2	02-09-1999
		DK 686816 T3	13-09-1999
		EP 0686816 A1	13-12-1995
		ES 2130561 T3	01-07-1999
		NO 952273 A	11-12-1995
JP 2001263800 A	26-09-2001	JP 3387474 B2	17-03-2003
JP 06117692 A	28-04-1994	NONE	
JP 2001263803 A	26-09-2001	NONE	
JP 08233366 3 A		NONE	
JP 10089795 3 A		NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82