(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 February 2006 (16.02.2006)

PCT

(10) International Publication Number
WO 2006/016304 A3

(51) International Patent Classification:
F25D 23/02 (2006.01)

(21) International Application Number:
PCT/IB2005/052496

(22) International Filing Date: 25 July 2005 (25.07.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004/01975 9 August 2004 (09.08.2004) TR

(71) Applicant *(for all designated States except US)*: **ARCELIK ANONIM SIRKETI** [TR/TR]; E5 Ankara Asfalti Uzeri, Tuzla, 34950 Istanbul (TR).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **DURMAZ, Mehmet** [TR/TR]; Arcelik Anonim Sirketi, E5 Ankara Asfalti Uzeri, Tuzla, 34950 Istanbul (TR). **SAFAK, Doruk** [TR/TR]; Arcelik Anonim Sirketi, E5 Ankara Asfalti Uzeri, Tuzla, 34950 Istanbul (TR).

(74) Agent: **ANKARA PATENT BUREAU**; Bestekar Sokak No.10, Kavaklidere, 06680 Ankara (TR).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

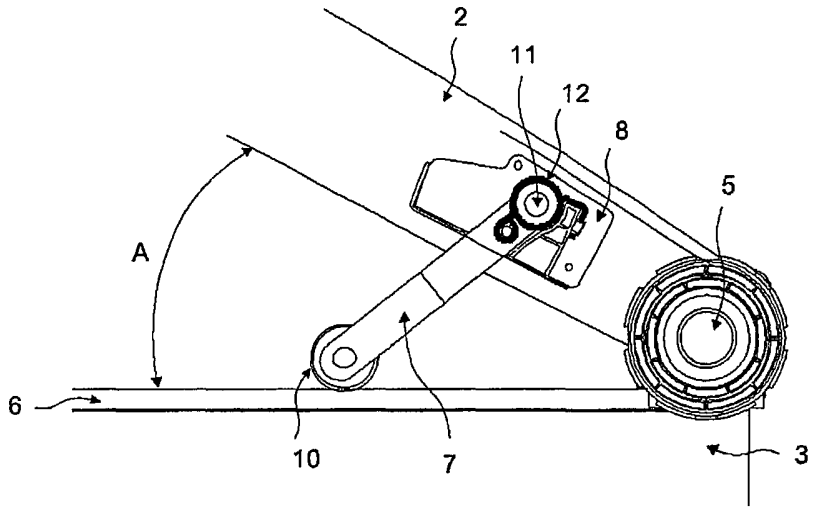
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) Date of publication of the international search report:
27 April 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A COOLING DEVICE



(57) Abstract: This invention relates to a cooling device (1) wherein the door, after being opened, is brought to a distance where it is not affected by magnetic forces of the gasket that is used to provide leak proof property between the body (3) and itself.

WO 2006/016304 A3

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/052496

A. CLASSIFICATION OF SUBJECT MATTER
F25D23/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F25D E05F E05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	EP 1 077 354 A (KABUSHIKI KAISHA TOSHIBA) 21 February 2001 (2001-02-21) paragraph '0039!; figures 1-3,7-9	1-3,5,6, 8,10 12
Y	GB 2 180 297 A (JCS PLASTIC DEV LTD) 25 March 1987 (1987-03-25) page 1, line 127 - page 2, line 2; figures 1,2	12
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 06, 3 June 2003 (2003-06-03) -& JP 2003 056241 A (SUGIMOTO MITSUO), 26 February 2003 (2003-02-26) the whole document	1,2,4-7

-/--

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
4 January 2006	12/01/2006

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	De Graaf, J.D.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/052496

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 03, 3 April 2002 (2002-04-03) -& JP 2001 317864 A (SANYO ELECTRIC CO LTD), 16 November 2001 (2001-11-16) the whole document	1,11
X	FR 1 291 357 A (C. DE LUCA) 17 September 1962 (1962-09-17) the whole document	1,5-7
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 23, 10 February 2001 (2001-02-10) -& JP 2001 174146 A (TOSHIBA CORP), 29 June 2001 (2001-06-29) the whole document	1
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 01, 14 January 2003 (2003-01-14) -& JP 2002 257466 A (TOSHIBA CORP), 11 September 2002 (2002-09-11) the whole document	1,5,11
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 11, 5 November 2003 (2003-11-05) -& JP 2003 185333 A (NTN CORP), 3 July 2003 (2003-07-03) the whole document	1
X	US 3 354 583 A (MOORMAN EARL J ET AL) 28 November 1967 (1967-11-28) the whole document	1
X	US 2004/055221 A1 (HOFFMAN DREW) 25 March 2004 (2004-03-25) the whole document	1
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 18, 5 June 2001 (2001-06-05) -& JP 01 150786 A (MATSUSHITA REFRIG CO LTD), 13 June 1989 (1989-06-13) the whole document	1
A	DE 296 21 527 U1 (AEG HAUSGERAETE GMBH, 90429 NUERNBERG, DE) 9 April 1998 (1998-04-09) the whole document	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IB2005/052496

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 1077354	A	21-02-2001	CN	1284642 A	21-02-2001
			CN	1515856 A	28-07-2004
			CN	1515857 A	28-07-2004
			DE	60015877 D1	23-12-2004
			DE	60015877 T2	03-11-2005
			TW	508426 B	01-11-2002
			US	6338536 B1	15-01-2002
GB 2180297	A	25-03-1987	NONE		
JP 2003056241	A	26-02-2003	NONE		
JP 2001317864	A	16-11-2001	NONE		
FR 1291357	A	17-09-1962	NONE		
JP 2001174146	A	29-06-2001	NONE		
JP 2002257466	A	11-09-2002	NONE		
JP 2003185333	A	03-07-2003	NONE		
US 3354583	A	28-11-1967	NONE		
US 2004055221	A1	25-03-2004	NONE		
JP 01150786	A	13-06-1989	NONE		
DE 29621527	U1	09-04-1998	NONE		