



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.10.2011 Bulletin 2011/43

(51) Int Cl.:
F25D 19/02 (2006.01)

(43) Date of publication A2:
10.08.2011 Bulletin 2011/32

(21) Application number: **11000411.6**

(22) Date of filing: **20.01.2011**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

(30) Priority: **28.01.2010 IT TO20100056**

(71) Applicant: **Mondial Group S.R.L.**
15020 San Giorgio Monferrato AL (IT)

(72) Inventors:
• **Fossati, Claudio**
15020 San Giorgio Monferrato (AL) (IT)
• **Gallinotti, Marco**
15020 San Giorgio Monferrato (AL) (IT)

(74) Representative: **Garavelli, Paolo**
A.BRE.MAR. S.R.L.
Via Servais 27
10146 Torino (IT)

(54) **Improved cooling unit**

(57) An improved cooling unit (1) is described, composed of a supporting and containing structure comprising at least one base (3) on which at least one compressor (5) is arranged, communicating on its front part with at least one condenser (7) and on its upper part with at least one evaporator (9), such supporting and containing structure comprising at least one shelf (13) for supporting such evaporator (9) arranged in a substantially horizontal position above such compressor (5), such shelf (13) being joined in an edge thereof to at least one deflecting profile (15) adapted to convey air flows (F_c) coming from at least one second axial fan (17) towards such evaporator (9).

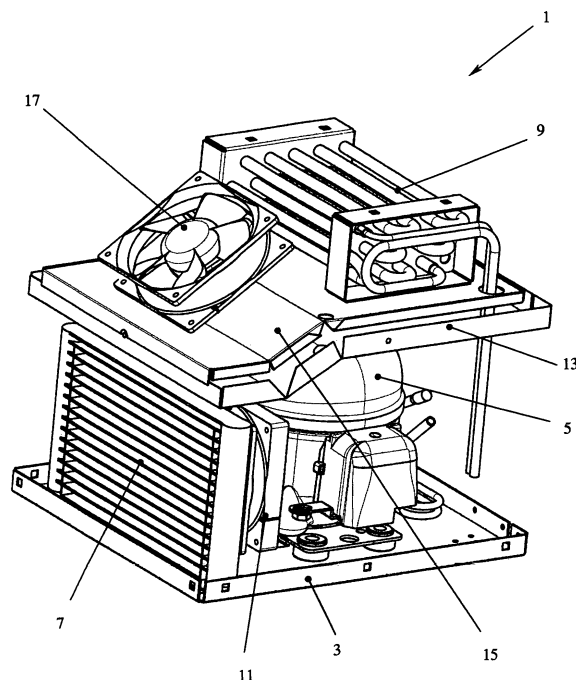


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 11 00 0411

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	JP 2006 296928 A (COCA COLA CO; SANYO ELECTRIC CO) 2 November 2006 (2006-11-02) * figure 4 *	1-4	INV. F25D19/02
X	JP 2002 345607 A (SANYO ELECTRIC CO) 3 December 2002 (2002-12-03) * figure 4 *	1-4	
X	JP 8 110144 A (FUJI ELECTRIC CO LTD) 30 April 1996 (1996-04-30) * figure 1 *	1-4	
			TECHNICAL FIELDS SEARCHED (IPC)
			F25D A47F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 31 August 2011	Examiner Dezso, Gabor
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	

1
EPO FORM 1503 03.82 (P04C01)

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

EP 11 00 0411

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.

31-08-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2006296928 A	02-11-2006	NONE	
JP 2002345607 A	03-12-2002	NONE	
JP 8110144 A	30-04-1996	NONE	