

Title (en)
An apparatus for refrigeration

Title (de)
Vorrichtung zur Kühlung

Title (fr)
Appareil de réfrigération

Publication
EP 1980806 A3 20150325 (EN)

Application
EP 08152888 A 20080318

Priority
KR 20070034423 A 20070406

Abstract (en)
[origin: EP1980806A2] A refrigerator including a blowing unit optimized for a bottom type condenser. The refrigerator includes a main body (10) having a storage compartment (12) defined therein, a condenser (42) mounted at the bottom of the main body (10), and a blowing unit to blow air that has already passed through the condenser. The blowing unit (34) includes a centrifugal fan mounted in a machine compartment (30) and a blowing guide member (36) to guide air blown by the centrifugal fan to the front of the main body (10). Consequently, it is possible to discharge the air that has already passed through the bottom type condenser (42), to the front of the main body (10), thereby accomplishing the smooth discharge of air and reducing the power consumption necessary to blow the air.

IPC 8 full level
F25D 23/00 (2006.01)

CPC (source: EP KR US)
F04D 29/4226 (2013.01 - KR); **F25D 23/003** (2013.01 - EP KR US); **F25D 2323/0021** (2013.01 - EP KR US);
F25D 2323/00264 (2013.01 - EP KR US); **F25D 2323/00274** (2013.01 - EP KR US); **F25D 2323/00282** (2013.01 - EP KR US)

Citation (search report)
[X1] JP H1047835 A 19980220 - HITACHI LTD

Cited by
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1980806 A2 20081015; **EP 1980806 A3 20150325**; KR 20080090941 A 20081009; US 2008245093 A1 20081009

DOCDB simple family (application)
EP 08152888 A 20080318; KR 20070034423 A 20070406; US 7665308 A 20080320