

Title (en)
Refrigerating appliance

Title (de)
Kältegerät

Title (fr)
Appareil frigorifique

Publication
EP 1605215 A2 20051214 (EN)

Application
EP 05468010 A 20050527

Priority
SI 200400157 A 20040604

Abstract (en)
The present invention refers to a refrigerating appliance comprising a refrigerating compartment (1), a cold storage compartment (2) and a freezing compartment (3) separated from each other by means of dividing walls (4, 5) and by means of at least one door (6) or flap, and a cooling air channel where in the inflow area thereof is arranged a cooling fan (19) drawing cooling air from the refrigerating compartment (1) and the outlet area of said cooling air channel extends into the cold storage compartment (2). Spaced from back (8) of the refrigerating compartment there is arranged an insulating wall (9) extending over the entire refrigerating compartment (1), said insulating wall comprises a vertical rib (11) extending over the entire height of the wall (9), said rib extends in depth up to the back (8) forming therewith two separate parallel cooling air channels i.e. a suction channel (12) and an injection channel (13). The suction channel (12) is connected via a gap (14) in the insulating wall (9) with the area of the cold storage compartment (2) directly under the dividing wall (4) separating the refrigerating compartment (1) from the cold storage compartment (2).

IPC 1-7
F25D 11/02; **F25D 17/06**

IPC 8 full level
F25D 11/02 (2006.01); **F25D 17/04** (2006.01); **F25D 17/06** (2006.01); **F25D 23/06** (2006.01); **F25D 25/02** (2006.01)

CPC (source: EP)
F25D 17/045 (2013.01); **F25D 17/065** (2013.01); **F25D 23/069** (2013.01); **F25D 25/028** (2013.01); **F25D 2317/061** (2013.01); **F25D 2317/062** (2013.01); **F25D 2500/02** (2013.01)

Cited by
US10254036B2; CN101839605A; US9759479B2; CN104482701A; EP2988081A1; US2016054047A1; CN106196822A; EP3385649A1; US9945602B2; WO2008032207A3; WO2017219518A1; WO2015021589A1; WO2015043646A1; EP3194868B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1605215 A2 20051214; **EP 1605215 A3 20060201**; SI 21815 A 20051231

DOCDB simple family (application)
EP 05468010 A 20050527; SI 200400157 A 20040604