

Title (en)

Refrigerator with compartment for the quick cooling of food

Title (de)

Kühlschrank mit Fach zur Lebensmittelschnellkühlung

Title (fr)

Réfrigérateur à compartiment à refroidissement rapide de produits alimentaires

Publication

EP 1074802 B1 20050608 (EN)

Application

EP 00202389 A 20000706

Priority

IT MI991771 A 19990805

Abstract (en)

[origin: EP1074802A2] Home refrigerator comprising at least one freezer compartment (1) and at least one compartment (2; 2, 50) at a temperature higher than the freezer compartment (1) and comprising a refrigeration circuit (8) with relative condenser (12), compressor (9), evaporator (7) and fan (14). Such refrigerator comprises at least one small size compartment (16) that gets cold quickly by means of a circulation of air that is forced by the fan (14) through the evaporator (7) and inside said at least one small size compartment (16) and said at least one compartment (2; 2, 50) at a temperature higher than the freezer compartment (1) by means of opportune inlet openings (81, 83-84; 81, 83; 81, 83-51) whose closing and opening is controlled by valve means (18, 20-21; 18, 20; 18, 20-52) that are controlled thermostatically. <IMAGE>

IPC 1-7

F25D 11/02; **F25D 17/06**

IPC 8 full level

F25D 11/02 (2006.01); **F25D 17/06** (2006.01); **F25D 23/12** (2006.01)

CPC (source: EP)

F25D 11/02 (2013.01); **F25D 17/065** (2013.01); **F25D 23/12** (2013.01); **F25D 2317/061** (2013.01); **F25D 2317/0653** (2013.01); **F25D 2317/0661** (2013.01); **F25D 2400/04** (2013.01); **F25D 2400/28** (2013.01); **F25D 2400/30** (2013.01); **F25D 2700/12** (2013.01); **F25D 2700/121** (2013.01); **F25D 2700/122** (2013.01)

Cited by

EP3023718A1; CN106679282A; EP1918664A3; US2013276465A1; EP2728283A4; US9605888B2; EP2322884A2; US8341974B2; US6854288B2; WO2007074116A3; WO2007074125A1; WO2004036128A1; WO2010062021A3

Designated contracting state (EPC)

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EP 1074802 A2 20010207; **EP 1074802 A3 20010620**; **EP 1074802 B1 20050608**; DE 60020647 D1 20050714; DE 60020647 T2 20060504; ES 2243194 T3 20051201; IT 1313157 B1 20020617; IT MI991771 A0 19990805; IT MI991771 A1 20010205

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