

Title (en)

Improved refrigeration appliance such as a domestic refrigerator, freezer or the like, with a vacuum compartment

Title (de)

Kühlgerät wie Haushaltskühlschrank, Gefriermöbel oder dergleichen mit einem Vakuumfach

Title (fr)

Appareil frigorifique comme un réfrigérateur ménager, un congélateur ou analogues avec un compartiment à vide

Publication

**EP 0545246 B1 19961106 (EN)**

Application

**EP 92120060 A 19921125**

Priority

IT MI913233 A 19911203

Abstract (en)

[origin: EP0545246A2] A refrigeration appliance, such as a domestic refrigerator (1), freezer or the like, comprises a plurality of compartments (4,5,6) with their own access apertures (4A,5A,6A) closed by usual doors (7,8,9), one (5) of said compartments (4,5,6) being advantageously of the convertible type with controlled temperature and being connected via a pipe (10) to a vacuum-generating pumping member. A box member (13) open on one side (22) is removably contained in at least one (5) of said compartments (4,5,6) and is at least to a limited extent movable in a guided manner along walls (27) of said compartment (5), the box member (13) comprising an internal cavity (20) arranged to communicate with the pipe (10) connected to the pumping member via connection means (11), at the aperture (22) of said box member (13) there being provided means for its sealed closure supporting stiffening means (45) arranged to lie against the cavity (20) of said box member (13) in which the vacuum is generated.

IPC 1-7

**F25D 11/02; F25D 17/04**

IPC 8 full level

**F25D 17/04** (2006.01)

CPC (source: EP)

**F25D 17/042** (2013.01); **F25D 2317/043** (2013.01); **F25D 2400/16** (2013.01)

Cited by

EP2746702A3; CN102612629A; EP1853854A4; ITMC20090084A1; GB2415766A; GB2415766B; GB2414065A; GB2414065B; DE19931920A1; WO2011072353A2; US11104502B2; WO03012351A1; WO2010119103A1; WO2011061064A3; US8402775B2; US8915093B2; US9510615B2; US11494569B2; US11657240B2; US11861448B2; US11915087B2; US11915086B2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0545246 A2 19930609; EP 0545246 A3 19930707; EP 0545246 B1 19961106;** DE 69215061 D1 19961212; DE 69215061 T2 19970430; ES 2097855 T3 19970416; IT 1252155 B 19950605; IT MI913233 A0 19911203; IT MI913233 A1 19930603

DOCDB simple family (application)

**EP 92120060 A 19921125;** DE 69215061 T 19921125; ES 92120060 T 19921125; IT MI913233 A 19911203