

Title (en)

Top-opening freezer with improved cooling gas flow

Title (de)

Gefriertruhe mit verbessertem Kühlgasstrom

Title (fr)

Congélateur à ouverture par le haut doté d'un flux de gaz amélioré

Publication

**EP 2166296 B1 20111116 (EN)**

Application

**EP 09179831 A 20060728**

Priority

- EP 06762884 A 20060728
- EP 2006007503 W 20060728

Abstract (en)

[origin: WO2008011906A1] A top-opening freezer (1) is presented including an outer casing (3) and a goods compartment (5) with a bottom wall (7), a front wall (9), a rear wall (11) and two side walls (25, 27). A cooling gas curtain (13) is directed across the top opening (13) of the goods compartment. Additionally, the side walls (25, 27) of the goods compartment (5) are cooled by providing a second flow path (29, 31) arranged between the side walls (25, 27) and the outer casing (3), respectively.

IPC 8 full level

**F25D 23/06** (2006.01)

CPC (source: EP US)

**A47F 3/0447** (2013.01 - EP US); **F25D 23/023** (2013.01 - EP US); **F25D 23/061** (2013.01 - EP US); **F25D 2317/0664** (2013.01 - EP US)

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008011906 A1 20080131**; AT E534005 T1 20111215; CN 101501426 A 20090805; CN 101501426 B 20100922; DE 602006017749 D1 20101202; EP 2047190 A1 20090415; EP 2047190 B1 20101020; EP 2166296 A1 20100324; EP 2166296 B1 20111116; HK 1134128 A1 20100416; PL 2166296 T3 20120430; TW 200821519 A 20080516; US 2010031692 A1 20100211

DOCDB simple family (application)

**EP 2006007503 W 20060728**; AT 09179831 T 20060728; CN 200680055438 A 20060728; DE 602006017749 T 20060728; EP 06762884 A 20060728; EP 09179831 A 20060728; HK 10101185 A 20100204; PL 09179831 T 20060728; TW 96127649 A 20070727; US 37550109 A 20090928