

Title (en)
REFRIGERATOR DOOR AND REFRIGERATOR

Title (de)
KÜHLSCHRANKTÜR UND KÜHLSCHRANK

Title (fr)
PORTE DE RÉFRIGÉRATEUR ET RÉFRIGÉRATEUR

Publication
EP 3027984 A1 20160608 (EN)

Application
EP 14766208 A 20140715

Priority
• CN 201310322236 A 20130729
• IB 2014063122 W 20140715

Abstract (en)
[origin: WO2015015355A1] The present invention relates to a refrigerator door and a refrigerator. A refrigerator door (1) includes an end cover (4) and a door panel (3) made of a metal sheet, where a top surface of the end cover (4) includes an inclined surface portion (42) that inclines downwards in a direction from the rear to the front, and the door panel (3) includes a front panel (31). According to the recommendations of the present invention, the door panel (3) includes a front flange (34) which is bent backwards from the front panel (31) and is connected to the end cover (4), an included angle (β) between the front flange (34) and the front panel is greater than 90 degrees, and the front flange (34) is located in parallel with and under the inclined surface portion (42).

IPC 8 full level
F25D 23/02 (2006.01); **E05B 1/00** (2006.01)

CPC (source: CN EP)
E05B 1/0015 (2013.01 - EP); **F25D 23/02** (2013.01 - CN); **F25D 23/028** (2013.01 - EP); **F25D 2323/023** (2013.01 - CN);
F25D 2400/18 (2013.01 - EP)

Citation (search report)
See references of WO 2015015355A1

Citation (examination)
• JP S5455560 U 19790417
• WO 2004048723 A1 20040610 - MULTIBRAS ELETRODOMESTICOS SA [BR], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015015355 A1 20150205; CN 104344658 A 20150211; CN 104344658 B 20180925; EP 3027984 A1 20160608; EP 3027984 B1 20210922;
PL 3027984 T3 20220124

DOCDB simple family (application)
IB 2014063122 W 20140715; CN 201310322236 A 20130729; EP 14766208 A 20140715; PL 14766208 T 20140715