

Title (en)
FRAMELESS DOOR FOR REFRIGERATOR

Title (de)
RAHMENLOSE TÜR FÜR EINEN KÜHLSCHRANK

Title (fr)
PORTE SANS CADRE POUR RÉFRIGÉRATEUR

Publication
EP 3811010 A1 20210428 (EN)

Application
EP 19734887 A 20190517

Priority
• IT 201800006461 A 20180619
• IB 2019054100 W 20190517

Abstract (en)
[origin: WO2019243913A1] A door (1) for refrigerators is described which comprises: - a pair of plates (5, 35), made of thermally insulating material, facing and joined by a spacer (60) which divides an interspace (65) between the plates of the pair of plates (5, 35) into a closed chamber (90) and at least one longitudinal channel (95, 100) parallel to a first side (25, 50) of the pair of plates, - a heating element (105) fixed to one of the plates (5, 35) inside the closed chamber (90), - a housing seat (S) contained in the longitudinal channel (95,100) which extends longitudinally along an axial section of the longitudinal channel (95,100) and which flows into an outlet opening (140) at a second side (30, 55) adjacent to the first side of the pair of plates (5, 35), - an electrical connection element (130) provided with a first end connected to the heating element (105) and an opposing second end which protrudes from the outlet opening (140) of the housing seat (S), at least one elongated section of the electrical connection element (130) being contained in the housing seat (S).

IPC 8 full level
F25D 21/04 (2006.01); **H05B 3/84** (2006.01)

CPC (source: EP)
F25D 21/04 (2013.01); **H05B 3/84** (2013.01)

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 2019243913 A1 20191226; BR 112020025820 A2 20210323; EP 3811010 A1 20210428; IT 201800006461 A1 20191219

DOCDB simple family (application)
IB 2019054100 W 20190517; BR 112020025820 A 20190517; EP 19734887 A 20190517; IT 201800006461 A 20180619