

Title (en)
REFRIGERATOR APPLIANCE

Title (de)
KÜHLGERÄT

Title (fr)
APPAREIL RÉFRIGÉRATEUR

Publication
EP 3757484 A1 20201230 (EN)

Application
EP 19182735 A 20190626

Priority
EP 19182735 A 20190626

Abstract (en)
A refrigerator appliance (100) comprises an evaporator (130) that forms with a compressor (140) and a condenser (150) a closed cooling circuit wherein a refrigerant fluid is made to circulate. The condenser (150) is a configured as a skin condenser and comprises a serpentine tube (160) associated with a thermally conductive layer (170). The thermally conductive layer (170) is made up of a plurality of plates (171, 172) arranged such that a tail portion of a first plate (171) is superimposed to and connected with a front portion of a second plate (172). Straight portions (161, 162) of the serpentine tube (160) are clinched between the two plates at their connection interface. A defrost water drain pipe (180) typically used to drain condensation water from the evaporator is arranged in thermal exchange contact with the skin condenser (150).

IPC 8 full level
F25B 39/04 (2006.01); **F25D 21/14** (2006.01); **F25D 23/06** (2006.01); **F28F 1/22** (2006.01)

CPC (source: EP)
F25B 39/04 (2013.01); **F25D 21/14** (2013.01); **F25D 23/061** (2013.01); **F28F 1/22** (2013.01); **F25B 2339/042** (2013.01); **F25B 2339/045** (2013.01); **F25D 2321/00** (2013.01)

Citation (applicant)
WO 2019020175 A1 20190131 - ELECTROLUX APPLIANCES AB [SE]

Citation (search report)
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• [Y] US 3379241 A 19680423 - GERARD GAU
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US2021190439A1; EP3819571A1

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

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