

Title (en)  
SINGLE-CIRCUIT REFRIGERATION APPLIANCE

Title (de)  
EINKREIS-KÄLTEGERÄT

Title (fr)  
APPAREIL DE FROID À UN SEUL CIRCUIT

Publication  
**EP 3071900 A1 20160928 (DE)**

Application  
**EP 14796048 A 20141106**

Priority  
• DE 102013223737 A 20131120  
• EP 2014073964 W 20141106

Abstract (en)  
[origin: WO2015074894A1] A single-circuit refrigeration appliance comprises a thermally insulated housing and a refrigerant circuit in which the following are connected in series between a pressure connection (2) and a suction connection (3) of a compressor (1): a condenser (5), a first throttle point (6), a first evaporator (7) that cools a first storage compartment (12) in the housing, a second throttle point (8), and a second evaporator (9) that cools a second storage compartment (13) in the housing. The second throttle point (8) has an adjustable volume flow rate.

IPC 8 full level  
**F25B 5/04** (2006.01); **F25B 41/06** (2006.01); **F25D 11/02** (2006.01); **F25D 17/06** (2006.01)

CPC (source: EP RU US)  
**F25B 5/04** (2013.01 - EP US); **F25B 41/34** (2021.01 - EP RU US); **F25B 41/39** (2021.01 - EP US); **F25D 11/02** (2013.01 - RU); **F25D 11/022** (2013.01 - EP US); **F25B 2600/0253** (2013.01 - EP US); **F25D 2700/12** (2013.01 - EP US); **F25D 2700/123** (2013.01 - US); **Y02B 30/70** (2013.01 - EP US); **Y02B 40/00** (2013.01 - EP US)

Citation (examination)  
EP 1398584 A1 20040317 - WHIRLPOOL CO [US]

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 2015074894 A1 20150528**; CN 105745503 A 20160706; CN 105745503 B 20180907; DE 102013223737 A1 20150521; EP 3071900 A1 20160928; RU 2016120463 A 20171225; RU 2651302 C1 20180419; US 2016273822 A1 20160922

DOCDB simple family (application)  
**EP 2014073964 W 20141106**; CN 201480062931 A 20141106; DE 102013223737 A 20131120; EP 14796048 A 20141106; RU 2016120463 A 20141106; RU 2016120463 D 20141106; US 201415037750 A 20141106