

Title (en)  
REFRIGERATION DEVICE

Title (de)  
KÜHLVORRICHTUNG

Title (fr)  
DISPOSITIF DE RÉFRIGÉRATION

Publication  
**EP 3511647 A4 20200226 (EN)**

Application  
**EP 17848717 A 20170904**

Priority  
• JP 2016175487 A 20160908  
• JP 2017031833 W 20170904

Abstract (en)  
[origin: EP3511647A1] A refrigeration apparatus (1) further has a second suction pipe (22d), which is connected to a second compressor (22), and a second branch pipe (36). Here, the second branch pipe (36) has a junction-side open portion (36a) that opens in a predetermined direction and two branch-side open portions (36b, 36c) that open in substantially the opposite direction to that of the junction-side open portion (36a), with a second low-pressure pipe (32) being connected to the junction-side open portion (36a) and with an interconnecting low-pressure pipe (33) and the second suction pipe (22d) being connected to the two branch-side open portions (36b, 36c).

IPC 8 full level  
**F25B 1/00** (2006.01); **F25B 5/02** (2006.01); **F25B 41/00** (2006.01)

CPC (source: EP US)  
**F25B 1/00** (2013.01 - EP US); **F25B 5/02** (2013.01 - EP); **F25B 41/42** (2021.01 - EP US); **F25B 2313/02331** (2013.01 - EP); **F25B 2500/01** (2013.01 - EP)

Citation (search report)  
• [Y] WO 2014050099 A1 20140403 - DAIKIN IND LTD [JP]  
• [Y] EP 1750072 A1 20070207 - DAIKIN IND LTD [JP]  
• [Y] EP 2023060 A1 20090211 - DAIKIN IND LTD [JP]  
• See references of WO 2018047777A1

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

DOCDB simple family (publication)  
**EP 3511647 A1 20190717; EP 3511647 A4 20200226**; JP 2018040548 A 20180315; JP 6369512 B2 20180808; WO 2018047777 A1 20180315

DOCDB simple family (application)  
**EP 17848717 A 20170904**; JP 2016175487 A 20160908; JP 2017031833 W 20170904