

Title (en)
REFRIGERATION SYSTEM

Title (de)
KÜHLSYSTEM

Title (fr)
SYSTÈME DE RÉFRIGÉRATION

Publication
EP 3783281 A1 20210224 (EN)

Application
EP 19192999 A 20190822

Priority
EP 19192999 A 20190822

Abstract (en)
A refrigerant system (1) is described comprising a refrigerant circuit having a first heat exchanger (2), a compressor (3), a second heat exchanger (4) and a separator (5) connected to a refrigerant outlet of the first heat exchanger. It should be possible to remove liquid from a refrigerant flow even with a limited size of the separator. To this end, the separator (5) comprises at least two flow paths arranged in parallel between an inlet (12) and an outlet (13).

IPC 8 full level
F25B 43/00 (2006.01)

CPC (source: EP US)
F25B 5/02 (2013.01 - US); **F25B 13/00** (2013.01 - US); **F25B 43/006** (2013.01 - EP US); **F25B 2400/23** (2013.01 - EP US); **F25B 2500/28** (2013.01 - EP); **F25B 2600/2513** (2013.01 - US)

Citation (search report)

- [X] WO 2009061268 A1 20090514 - ALFA LAVAL CORP AB [SE], et al
- [A] WO 9609512 A1 19960328 - KOZINSKI RICHARD C [US]
- [A] EP 2450646 A1 20120509 - HONEYWELL INT INC [US]
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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)
EP 3783281 A1 20210224; CN 114270117 A 20220401; US 2022275986 A1 20220901; WO 2021032810 A1 20210225

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EP 19192999 A 20190822; CN 202080059151 A 20200819; EP 2020073269 W 20200819; US 202017635404 A 20200819