

Title (en)

COOLING CIRCUIT SECTION AND COOLING CIRCUIT

Title (de)

KÜHLKREISLAUFABSCHNITT UND KÜHLKREISLAUF

Title (fr)

SECTION DE CIRCUIT DE REFROIDISSEMENT ET CIRCUIT DE REFROIDISSEMENT

Publication

**EP 3737896 A1 20201118 (EN)**

Application

**EP 18706187 A 20180112**

Priority

EP 2018050770 W 20180112

Abstract (en)

[origin: WO2019137618A1] Cooling circuit section (2), intended for the circulation of a refrigerant, said cooling circuit section (2) comprising: - at least two compressor assemblies (30), fluidically connected in parallel, each compressor assembly (30) comprising : - a compressor (40) configured to receive a low-pressure refrigerant having a first pressure, and for increasing the pressure of the low-pressure refrigerant so as to produce a compressed refrigerant having a second pressure that is greater than the first pressure, the compressed refrigerant comprising oil, - an individual oil separator (42) comprising an inlet (58) fluidically connected to the compressor (40) so as to receive the compressed refrigerant from the compressor (40), each individual oil separator (42) being configured to separate a first fraction of oil from the compressed refrigerant, the cooling circuit section (2) further comprising a common oil separator (32).

IPC 8 full level

**F25B 31/00** (2006.01); **F25B 41/04** (2006.01)

CPC (source: EP US)

**F25B 31/004** (2013.01 - EP US); **F25B 43/02** (2013.01 - US); **F25B 49/02** (2013.01 - US); **F25B 2339/047** (2013.01 - US); **F25B 2400/06** (2013.01 - EP); **F25B 2400/075** (2013.01 - US); **F25B 2400/23** (2013.01 - US); **F25B 2500/16** (2013.01 - EP US); **F25B 2600/2513** (2013.01 - US)

Citation (search report)

See references of WO 2019137618A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019137618 A1 20190718**; CN 111566418 A 20200821; EP 3737896 A1 20201118; US 2020333053 A1 20201022

DOCDB simple family (application)

**EP 2018050770 W 20180112**; CN 201880086241 A 20180112; EP 18706187 A 20180112; US 201816960671 A 20180112