

Title (en)
OIL CONTROL FOR CLIMATE-CONTROL SYSTEM

Title (de)
ÖLSTEUERUNG FÜR KLIMAREGELUNGSSYSTEM

Title (fr)
COMMANDE D'HUILE POUR SYSTÈME DE RÉGULATION DU CLIMAT

Publication
EP 3899384 A1 20211027 (EN)

Application
EP 19899943 A 20191219

Priority

- US 201862782014 P 20181219
- US 201816719347 A 20181219
- US 201916719491 A 20191218
- US 2019067652 W 20191219

Abstract (en)
[origin: WO2020132352A1] Systems and methods for providing lubricant from a first compressor to a second compressor are provided. A control module receives a start command for a climate-control system having the first and second compressors, allows lubricant from the first compressor to flow into an inlet of the second compressor, turns the second compressor to an ON-mode, and prevents lubricant from the first compressor from flowing into the inlet of the second compressor after the second compressor has been in the ON-mode for a predetermined time period.

IPC 8 full level
F25B 49/02 (2006.01); **F25B 5/02** (2006.01); **F25B 31/00** (2006.01); **F25B 31/02** (2006.01); **F25B 43/02** (2006.01)

CPC (source: EP US)
F25B 1/10 (2013.01 - EP); **F25B 5/02** (2013.01 - EP); **F25B 31/004** (2013.01 - EP); **F25B 31/02** (2013.01 - EP); **F25B 41/20** (2021.01 - EP US); **F25B 41/30** (2021.01 - EP US); **F25B 41/42** (2021.01 - EP US); **F25B 43/02** (2013.01 - EP); **F25B 49/02** (2013.01 - EP); **F25B 2400/0751** (2013.01 - EP); **F25B 2500/16** (2013.01 - EP); **F25B 2600/0251** (2013.01 - EP); **F25B 2600/0261** (2013.01 - EP); **F25B 2600/23** (2013.01 - EP); **F25B 2600/2501** (2013.01 - EP); **F25B 2600/2513** (2013.01 - EP)

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 2020132352 A1 20200625; CN 113316701 A 20210827; EP 3899384 A1 20211027; EP 3899384 A4 20220928

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US 2019067652 W 20191219; CN 201980089564 A 20191219; EP 19899943 A 20191219