

Title (en)

INTEGRATED MOTOR-COMPRESSOR UNIT HAVING A COOLING CIRCUIT AND A DEPRESSURIZATION SYSTEM CONFIGURED TO REDUCE PRESSURE OF THE COOLING FLUID

Title (de)

INTEGRIERTE MOTORKOMPRESSOREINHEIT MIT EINEM KÜHLKREISLAUF UND EINEM DRUCKENTLASTUNGSSYSTEM ZUM REDUZIEREN DES DRUCKES DES KÜHLFLUIDS

Title (fr)

UNITÉ DE MOTEUR-COMPRESSEUR INTÉGRÉE AYANT UN CIRCUIT DE REFROIDISSEMENT ET UN SYSTÈME DE DÉPRESSURISATION CONÇU POUR RÉDUIRE LA PRESSION DU FLUIDE DE REFROIDISSEMENT

Publication

EP 4034768 B1 20240501 (EN)

Application

EP 19780025 A 20190923

Priority

IB 2019058026 W 20190923

Abstract (en)

[origin: WO2021058995A1] Integrated motor-compressor unit (10) comprising a motor (12) and a compressor (14) coupled to said motor (12) via a rotatable shaft (16) and mounted in a single common housing (18) configured to circulate a cooling fluid in a cooling circuit (27), wherein the integrated motor-compressor unit (10) comprises a depressurization system (30) configured to depressurize the pressure of the motor (12).

IPC 8 full level

F04D 17/10 (2006.01); **F04D 17/12** (2006.01); **F04D 25/06** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)

F04D 17/12 (2013.01 - EP US); **F04D 25/06** (2013.01 - EP US); **F04D 29/5806** (2013.01 - EP 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

DOCDB simple family (publication)

WO 2021058995 A1 20210401; BR 112022005399 A2 20220621; CA 3151299 A1 20210401; CN 114641618 A 20220617; CN 114641618 B 20240223; EP 4034768 A1 20220803; EP 4034768 B1 20240501; JP 2022548391 A 20221118; JP 7391196 B2 20231204; US 2022372994 A1 20221124

DOCDB simple family (application)

IB 2019058026 W 20190923; BR 112022005399 A 20190923; CA 3151299 A 20190923; CN 201980100679 A 20190923; EP 19780025 A 20190923; JP 2022518184 A 20190923; US 201917753929 A 20190923