

Title (en)

TRANSPORT REFRIGERATION UNIT WITH BATTERY BOOST

Title (de)

TRANSPORTKÜHLEINHEIT MIT BATTERIEVERSTÄRKUNG

Title (fr)

UNITÉ FRIGORIFIQUE DE TRANSPORT DOTÉE DE RENFORCEMENT DE BATTERIE

Publication

EP 3440416 A1 20190213 (EN)

Application

EP 17718254 A 20170404

Priority

- US 201662318602 P 20160405
- US 2017025911 W 20170404

Abstract (en)

[origin: WO2017176729A1] A transport refrigeration unit (26) includes a compressor (58) constructed and arranged to compress a refrigerant and an electric compressor motor configured to drive the compressor. A generator (54) of the unit is configured to provide electric power to the compressor motor during standard set point conditions, and an energy storage device of the unit is configured to supplement the electric power to the compressor motor during temperature pulldown conditions.

IPC 8 full level

F25B 27/00 (2006.01)

CPC (source: EP US)

F25B 13/00 (2013.01 - US); **F25B 27/00** (2013.01 - EP US); **F25B 31/02** (2013.01 - US); **F25D 11/003** (2013.01 - US)

Citation (search report)

See references of WO 2017176729A1

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 2017176729 A1 20171012; EP 3440416 A1 20190213; US 2019120530 A1 20190425

DOCDB simple family (application)

US 2017025911 W 20170404; EP 17718254 A 20170404; US 201716091812 A 20170404