

Title (en)

REFRIGERATION UNIT HAVING AN ACCUMULATOR, REFRIGERATION SYSTEM AND METHOD FOR CONTROLLING A REFRIGERATION UNIT HAVING AN ACCUMULATOR

Title (de)

KÜHLMÖBEL MIT SPEICHER, KÜHLSYSTEM UND VERFAHREN ZUM STEUERN EINES KÜHLMÖBELS MIT EINEM SPEICHER

Title (fr)

MEUBLE FRIGORIFIQUE POURVU D'UN ACCUMULATEUR, SYSTÈME DE REFROIDISSEMENT ET PROCÉDÉ DE COMMANDE D'UN MEUBLE FRIGORIFIQUE COMPRENANT UN ACCUMULATEUR

Publication

**EP 3619483 A1 20200311 (DE)**

Application

**EP 18716516 A 20180314**

Priority

- DE 102017109357 A 20170502
- EP 2018056335 W 20180314

Abstract (en)

[origin: WO2018202347A1] The invention relates to a refrigeration unit having an accumulator, a refrigeration system and a method for controlling a refrigeration unit having an accumulator, wherein the refrigeration unit (10) has a refrigeration chamber (14) for receiving and storing goods to be refrigerated, an accumulator (15) having an accumulator holder in which a storage medium is accommodated, a heat exchanger (24), a controller (20) and a coolant line arrangement which can be connected to a coolant supply network via connections. The coolant line arrangement is guided through the accumulator holder, and the heat exchanger (24) is thermally coupled to the storage medium (44; 45) accommodated in the accumulator holder. A coolant control device is arranged in the flow pipe (28) of the coolant arrangement, wherein the storage medium accommodated in the accumulator holder is cooled via a coolant in the coolant line arrangement, and the heat exchanger (24) is cooled via the storage medium (44; 45).

IPC 8 full level

**F25D 3/00** (2006.01); **A47F 3/04** (2006.01); **F25D 11/00** (2006.01); **F25D 16/00** (2006.01); **F28D 20/02** (2006.01)

CPC (source: EP US)

**A47F 3/04** (2013.01 - EP US); **F25D 11/006** (2013.01 - EP US); **F25D 16/00** (2013.01 - EP US); **F25D 17/02** (2013.01 - US); **F25D 17/06** (2013.01 - US); **F25D 25/02** (2013.01 - US); **F25D 29/00** (2013.01 - US); **F25B 2400/22** (2013.01 - EP US); **F25B 2600/13** (2013.01 - US); **F25D 2317/068** (2013.01 - 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018202347 A1 20181108**; DE 102017109357 A1 20181108; DE 102017109357 B4 20220428; DK 3619483 T3 20231016; EP 3619483 A1 20200311; EP 3619483 B1 20230726; FI 3619483 T3 20231018; PL 3619483 T3 20240311; US 11199354 B2 20211214; US 2020072524 A1 20200305

DOCDB simple family (application)

**EP 2018056335 W 20180314**; DE 102017109357 A 20170502; DK 18716516 T 20180314; EP 18716516 A 20180314; FI 18716516 T 20180314; PL 18716516 T 20180314; US 201816610796 A 20180314