

Title (en)

AN ACCUMULATOR AND A COOLING DEVICE WHEREIN THE ACCUMULATOR IS USED

Title (de)

AKKU UND KÜHLVORRICHTUNG MIT DARIN VERWENDETEM AKKU

Title (fr)

ACCUMULATEUR ET DISPOSITIF DE RÉFRIGÉRATION DANS LEQUEL L'ACCUMULATEUR EST UTILISÉ

Publication

EP 2638338 B1 20160629 (EN)

Application

EP 11779402 A 20111104

Priority

- TR 201009490 A 20101112
- EP 2011069482 W 20111104

Abstract (en)

[origin: WO2012062678A1] The present invention relates to an accumulator (1) which provides the refrigerant in the liquid phase and the refrigerant in the gas phase to be separated from each other effectively and a cooling device (2) wherein the said accumulator (1) is used. By increasing the effectiveness of phase separation, the accumulator (1) reduces the risk of entering of the refrigerant in the liquid phase to the compressor (10) and accumulates the excess refrigerant. The accumulator (1) of the present invention which is suitable for using in a cooling device (2) is disposed between the evaporator (9) and the compressor (10).

IPC 8 full level

F25B 43/00 (2006.01)

CPC (source: EP)

F25B 43/006 (2013.01)

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 2012062678 A1 20120518; CN 103189691 A 20130703; CN 103189691 B 20150715; EP 2638338 A1 20130918; EP 2638338 B1 20160629; PL 2638338 T3 20161230

DOCDB simple family (application)

EP 2011069482 W 20111104; CN 201180054266 A 20111104; EP 11779402 A 20111104; PL 11779402 T 20111104