

Title (en)  
ACCUMULATOR AND REFRIGERATION CYCLE DEVICE

Title (de)  
AKKUMULATOR UND KÄLTEKREISLAUFVORRICHTUNG

Title (fr)  
ACCUMULATEUR ET DISPOSITIF À CYCLE FRIGORIFIQUE

Publication  
**EP 4368920 A1 20240515 (EN)**

Application  
**EP 21949287 A 20210707**

Priority  
JP 2021025601 W 20210707

Abstract (en)  
An accumulator (5) includes a container (51) where refrigerant is accumulated, an inflow pipe (52) for flow of refrigerant into the container (51), an outflow pipe (53) for flow of refrigerant out of the container (51), an oil return portion (54) provided with an opening for suction of oil, and a decompressing pipe (56) to decompress refrigerant. In the accumulator (5), the decompressing pipe (56) and the oil return portion (54) are arranged on the outflow pipe (53).

IPC 8 full level  
**F25B 43/00** (2006.01); **F25B 1/00** (2006.01); **F25B 43/02** (2006.01)

CPC (source: EP US)  
**F25B 40/00** (2013.01 - US); **F25B 41/22** (2021.01 - EP); **F25B 41/31** (2021.01 - US); **F25B 43/006** (2013.01 - EP US); **F25B 43/02** (2013.01 - EP US); **F25B 49/02** (2013.01 - EP); **F25B 13/00** (2013.01 - EP); **F25B 2500/16** (2013.01 - EP); **F25B 2500/18** (2013.01 - EP); **F25B 2600/2513** (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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4368920 A1 20240515**; **EP 4368920 A4 20240821**; CN 117581070 A 20240220; JP WO2023281653 A1 20230112; US 2024255200 A1 20240801; WO 2023281653 A1 20230112

DOCDB simple family (application)  
**EP 21949287 A 20210707**; CN 202180100033 A 20210707; JP 2021025601 W 20210707; JP 2023532944 A 20210707; US 202118561074 A 20210707