Title (en)

TRANSPORT CONTAINER

Title (de)

TRANSPORTBEHÄLTER

Title (fr)

CONTENANT DE TRANSPORT

Publication

EP 4278140 A1 20231122 (DE)

Application

EP 22700256 A 20220113

Priority

- AT 92021 A 20210115
- IB 2022050235 W 20220113

Abstract (en)

[origin: WO2022153200A1] The invention relates to a transport container for transporting temperature-sensitive goods to be transported, the transport container having a container wall which surrounds an interior for receiving the goods to be transported and has a plurality of walls adjoining one another at an angle, the container wall having an opening for loading and unloading the interior that can be closed by means of a door device, and the container wall enclosing the interior on all sides with the exception of the opening. In the transport container, the container wall consists of a layered structure comprising, from outside to inside: a first insulation layer (2); optionally a second insulation layer (3); and an energy distribution layer (6) which delimits the interior and is made of a material having a thermal conductivity of > 100 W/(m.K). In the interior, at least one coolant container (7) for receiving a coolant is arranged on and/or fastened to at least one wall, in particular a top wall.

IPC 8 full level

F25D 23/06 (2006.01); **F25D 23/02** (2006.01)

CPC (source: AT EP US)

B65D 81/3818 (2013.01 - AT); **F25D 3/125** (2013.01 - AT US); **F25D 23/025** (2013.01 - US); **F25D 23/06** (2013.01 - EP); **F25D 23/062** (2013.01 - AT US); F25D 23/025 (2013.01 - EP); F25D 25/025 (2013.01 - EP); F25D 2201/1282 (2013.01 - EP US); F25D 2201/14 (2013.01 - AT EP US); F25D 2303/0844 (2013.01 - AT 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)

WO 2022153200 A1 20220721; AT 524696 A1 20220815; CA 3203681 A1 20220721; CN 116783437 A 20230919; EP 4278140 A1 20231122; US 2024077244 A1 20240307

DOCDB simple family (application)

IB 2022050235 W 20220113; AT 92021 A 20210115; CA 3203681 A 20220113; CN 202280010157 A 20220113; EP 22700256 A 20220113; US 202218272612 A 20220113