

Title (en)
TRANSPORT CONTAINER

Title (de)
TRANSPORTBEHÄLTER

Title (fr)
CONTENANT DE TRANSPORT

Publication
EP 3921583 A1 20211215 (DE)

Application
EP 20704595 A 20200130

Priority
• AT 492019 A 20190207
• IB 2020050742 W 20200130

Abstract (en)
[origin: WO2020161572A1] In a transport container (1) for transporting temperature-sensitive transportation material, comprising a chamber (3) for receiving the transportation material and a casing (2) that encloses the chamber (3) and is equipped with a door device, the door device comprises at least one door leaf (5, 6) for closing a door opening (4) of the casing (2), at least one inner peripheral seal (11; 18) being provided between the at least one door leaf (5, 6) and the door opening (4) and at least one outer peripheral seal (8, 9, 10; 15, 16) being provided between the at least one door leaf (6) and the door opening (4). The inner and outer seal (10, 11; 16, 18) each comprise at least one seal element which can be displaced by a pressure difference and which, when a predefined pressure difference is exceeded, opens an air passage from the exterior to the interior or vice versa, and also provided are a buffer space (12) bounded by the inner and outer seal (10, 11; 16, 18), and a temperature control element to cool the buffer space (12).

IPC 8 full level
F25D 17/04 (2006.01); **F25D 23/08** (2006.01)

CPC (source: AT EP US)
F25D 17/047 (2013.01 - AT EP US); **F25D 23/025** (2013.01 - AT); **F25D 23/087** (2013.01 - AT EP US); **F25D 2321/14** (2013.01 - AT); **F25D 2400/10** (2013.01 - EP)

Cited by
EP4303506A1; WO2024009151A1

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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 2020161572 A1 20200813; AT 522200 A1 20200915; BR 112021014489 A2 20210928; CA 3129276 A1 20200813; CN 113366275 A 20210907; CN 113366275 B 20231110; EP 3921583 A1 20211215; EP 3921583 B1 20221130; US 2022196313 A1 20220623

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