

Title (en)
Thermally insulated container

Title (de)
Wärmegeämmter Behälter

Title (fr)
Récipient à isolation thermique

Publication
EP 2876389 B1 20180110 (DE)

Application
EP 14004268 A 20040505

Priority
• DE 10322764 A 20030519
• EP 04738481 A 20040505

Abstract (en)
[origin: WO2004104498A2] The invention relates to a heat-insulated container (01) used, in particular for transporting and provided with a wall (02) completely enclosing the internal space (07) thereof which comprises at least one lockable opening and is insulated against heat exchange by a vacuum insulating element (24). Said invention is characterised in that the container (01) is provided with at least one passive melting storage element (16,17) filled with a melting storage material.

IPC 8 full level
F25D 3/06 (2006.01)

CPC (source: EP US)
F25D 3/06 (2013.01 - EP US); **F25D 23/063** (2013.01 - EP); **F25D 2201/14** (2013.01 - EP US); **F25D 2303/08221** (2013.01 - EP US); **F25D 2303/0843** (2013.01 - EP US); **F25D 2303/085** (2013.01 - EP US); **F25D 2331/804** (2013.01 - EP US); **F25D 2400/36** (2013.01 - EP US)

Citation (opposition)
Opponent : Pelican BioThermal LLC
• WO 0040908 A1 20000713 - UNILEVER PLC [GB], et al
• US 6244458 B1 20010612 - FRYISINGER CLINTON [US], et al
• US 4313993 A 19820202 - MCGLODY JOSEPH J
• WO 9215506 A1 19920917 - EUROTAINER AB [SE]
• DE 10243120 A1 20040325 - ROMIJN B V N [NL]
• US 5924302 A 19990720 - DERIFIELD RODNEY M [US]
• US 6062040 A 20000516 - BOSTIC WILLIAM M [US], et al
• US 4845959 A 19890711 - MAGEE CHARLES [US]
• US 5669233 A 19970923 - COOK SANFORD L [US], et al
• US 6065314 A 20000523 - NICHOLSON JOHN W [US]
• WO 9712100 A1 19970403 - OWENS CORNING FIBERGLASS CORP [US]
• US 2002099567 A1 20020725 - JOAO RAYMOND ANTHONY [US]
• FR 2762899 A1 19981106 - APPLIC GAZ SA [FR]
• JP 2002264717 A 20020918 - ISUZU MOTORS LTD
• DE 10322764 A1 20041230 - VA Q TEC AG [DE]

Cited by
WO2022033628A1; DE202018106306U1; EP3650781A1; US11629911B2; DE202018104488U1; EP3604986A1; KR20200015422A; US11325746B2

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
WO 2004104498 A2 20041202; WO 2004104498 A3 20050331; DE 10322764 A1 20041230; EP 1625338 A2 20060215; EP 1625338 B1 20200212; EP 1625338 B2 20230412; EP 2876389 A1 20150527; EP 2876389 B1 20180110; EP 3671078 A1 20200624; EP 3671078 B1 20240214; US 2007051734 A1 20070308

DOCDB simple family (application)
DE 2004000953 W 20040505; DE 10322764 A 20030519; EP 04738481 A 20040505; EP 14004268 A 20040505; EP 20156390 A 20040505; US 55739804 A 20040505