

Title (en)
HEAT INSULATING CONTAINER

Title (de)
WÄRMEISOLIERENDER BEHÄLTER

Title (fr)
CONTENANT D'ISOLATION THERMIQUE

Publication
EP 4245684 A4 20240403 (EN)

Application
EP 21891873 A 20211109

Priority
• JP 2020188395 A 20201112
• JP 2021041225 W 20211109

Abstract (en)
[origin: WO2022102627A1] Provided is a heat insulating container capable of suppressing a degradation in heat-insulating performance even when the volume of an object to be stored is reduced. A heat insulating container 1 includes: a container body 10 having a storage space 13 formed by a bottom wall 11 and side walls 12, and an opening 14 continuous to the storage space 13; and a deformable plate-shaped lid 20. The lid 20 is configured so that at least a part of the lid is deformed in a state of being inserted into the storage space 13 through the opening 14 of the container body 10, and thereby the periphery 21 of the lid adheres to the inner surfaces of the side walls 12 of the container body 10.

IPC 8 full level
B65D 43/04 (2006.01); **B65D 21/08** (2006.01); **B65D 25/02** (2006.01); **B65D 43/02** (2006.01); **B65D 81/38** (2006.01)

CPC (source: EP US)
B65D 21/08 (2013.01 - EP); **B65D 25/02** (2013.01 - EP); **B65D 43/0214** (2013.01 - US); **B65D 43/022** (2013.01 - EP); **B65D 81/3813** (2013.01 - EP); **B65D 81/3816** (2013.01 - EP); **B65D 81/3825** (2013.01 - US); **B65D 2543/00194** (2013.01 - US); **B65D 2543/0049** (2013.01 - US); **B65D 2543/00851** (2013.01 - US)

Citation (search report)
• [A] US 5558241 A 19960924 - HUFFSTUTLER JR M CONRAD [US], et al
• [A] US 2020165055 A1 20200528 - BARFOOT GRADY E [US], et al
• [A] US 2172457 A 19390912 - HYMAN SCHWARTZ
• [A] JP 2012131546 A 20120712 - GLOBERIDE INC
• [A] GB 1213150 A 19701118 - GREGG JAMES [IE]
• See also references of WO 2022102627A1

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)
EP 4245684 A1 20230920; **EP 4245684 A4 20240403**; CN 116490438 A 20230725; JP 7387028 B2 20231127; JP WO2022102627 A1 20220519; US 2024017889 A1 20240118; WO 2022102627 A1 20220519

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EP 21891873 A 20211109; CN 202180076265 A 20211109; JP 2021041225 W 20211109; JP 2022561946 A 20211109; US 202118036003 A 20211109