

Title (en)

INSULATING BLOCK INTENDED FOR THERMALLY INSULATING A STORAGE TANK

Title (de)

ISOLIERBLOCK ZUR THERMISCHEN ISOLIERUNG EINES SPEICHERBEHÄLTERS

Title (fr)

BLOC ISOLANT DESTINE A L'ISOLATION THERMIQUE D'UNE CUVE DE STOCKAGE

Publication

EP 3924662 A1 20211222 (FR)

Application

EP 20707743 A 20200211

Priority

- FR 1901516 A 20190214
- FR 2020050246 W 20200211

Abstract (en)

[origin: WO2020165537A1] The invention relates to an insulating block intended for thermally insulating a fluid storage tank comprising: - a first plate (11) and a second plate, parallel to one another, spaced along a direction of the thickness of the insulating block; - bearing pillars inserted between the first and second plates (10, 11) along the direction of the thickness of the insulating block; and - a heat-insulated lining arranged between the bearing pillars; - the first plate (11) comprising reinforced bearing zones (13) against which the bearing pillars (12) press, the reinforced bearing zones (13) being connected to one another by a network of ribs (18).

IPC 8 full level

F17C 3/02 (2006.01)

CPC (source: EP KR US)

B67D 9/00 (2013.01 - US); **F17C 3/027** (2013.01 - EP KR US); **F17C 9/00** (2013.01 - US); **F17C 2201/0157** (2013.01 - EP KR US);
F17C 2201/052 (2013.01 - EP KR); **F17C 2203/0333** (2013.01 - EP KR US); **F17C 2203/0358** (2013.01 - EP KR US);
F17C 2203/0673 (2013.01 - US); **F17C 2205/0355** (2013.01 - US); **F17C 2221/033** (2013.01 - EP KR US); **F17C 2223/0161** (2013.01 - EP KR US);
F17C 2223/033 (2013.01 - EP KR); **F17C 2227/0135** (2013.01 - US); **F17C 2260/011** (2013.01 - EP KR US);
F17C 2260/012 (2013.01 - EP KR US); **F17C 2270/0107** (2013.01 - EP KR 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

DOCDB simple family (publication)

WO 2020165537 A1 20200820; CA 3128100 A1 20200820; CN 113423988 A 20210921; CN 113423988 B 20230217; EP 3924662 A1 20211222;
FR 3092898 A1 20200821; FR 3092898 B1 20210115; JP 2022520096 A 20220328; JP 7418453 B2 20240119; KR 20210124996 A 20211015;
US 2022136653 A1 20220505

DOCDB simple family (application)

FR 2020050246 W 20200211; CA 3128100 A 20200211; CN 202080014560 A 20200211; EP 20707743 A 20200211; FR 1901516 A 20190214;
JP 2021547358 A 20200211; KR 20217025282 A 20200211; US 202017427430 A 20200211