

Title (en)
SEALED AND THERMALLY INSULATING TANK

Title (de)
ABGEDICHTETER UND WÄRMEISOLIERENDER BEHÄLTER

Title (fr)
CUVE ETANCHE ET THERMIQUEMENT ISOLANTE

Publication
EP 2859267 A2 20150415 (FR)

Application
EP 13730032 A 20130604

Priority
• FR 1255435 A 20120611
• FR 2013051258 W 20130604

Abstract (en)
[origin: WO2013186458A2] A wall of a sealed and thermally insulated tank comprises: a multilayer structure comprising a sealing barrier (5) and a thermal insulation barrier (4), retaining rods (22) attached to the bearing wall (7) between the insulating elements and extending through the thickness of the multilayer structure to hold the multilayer structure on the bearing wall, in which crossmembers (30) are attached to the retaining rods (22) so that a crossmember in each instance extends between two retaining rods at the interface between two insulating elements, the cover panels (11) of the insulating elements being connected to the crossmembers (30) so as to be held against the bearing wall by the crossmembers, and the sealing barrier (5) being connected to the crossmembers (30) to be held against the insulating element cover panels by the crossmembers.

IPC 8 full level
F17C 3/02 (2006.01)

CPC (source: EP KR RU US)
B63B 25/16 (2013.01 - KR US); **B63B 27/30** (2013.01 - US); **B63B 27/34** (2013.01 - KR); **B67D 9/02** (2013.01 - KR); **F17C 1/12** (2013.01 - KR); **F17C 3/025** (2013.01 - US); **F17C 3/027** (2013.01 - EP US); **F17C 3/04** (2013.01 - US); **F17C 3/02** (2013.01 - RU); **F17C 2201/0157** (2013.01 - EP US); **F17C 2201/052** (2013.01 - EP US); **F17C 2203/0304** (2013.01 - KR); **F17C 2203/0354** (2013.01 - US); **F17C 2203/0358** (2013.01 - EP US); **F17C 2203/0631** (2013.01 - EP US); **F17C 2203/0639** (2013.01 - US); **F17C 2203/0678** (2013.01 - EP US); **F17C 2205/0364** (2013.01 - EP US); **F17C 2221/033** (2013.01 - EP US); **F17C 2223/0161** (2013.01 - EP US); **F17C 2223/033** (2013.01 - EP US); **F17C 2260/013** (2013.01 - EP US); **F17C 2270/0105** (2013.01 - KR); **F17C 2270/0107** (2013.01 - EP US); **F17C 2270/0113** (2013.01 - EP US); **F17C 2270/0121** (2013.01 - EP US); **F17C 2270/0136** (2013.01 - EP US)

Citation (search report)
See references of WO 2013186458A2

Cited by
FR3134571A1; WO2023198637A1; FR3142529A1; WO2024115505A1

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Designated extension state (EPC)
BA ME

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FR 2991748 A1 20131213; FR 2991748 B1 20150220; AR 091248 A1 20150121; AU 2013276386 A1 20150115; AU 2013276386 B2 20150219; BR 112014030805 A2 20170627; BR 112014030805 B1 20210713; CA 2875378 A1 20131219; CA 2875378 C 20200707; CN 104428576 A 20150318; CN 104428576 B 20160406; EP 2859267 A2 20150415; EP 2859267 B1 20160831; ES 2604824 T3 20170309; HR P20161468 T1 20161230; IN 2402MUN2014 A 20150821; KR 102096506 B1 20200527; KR 20150028250 A 20150313; LT 2859267 T 20161125; MY 189278 A 20220131; PH 12014502705 A1 20150202; PH 12014502705 B1 20150202; PL 2859267 T3 20170228; PT 2859267 T 20161201; RU 2014147842 A 20160810; RU 2623335 C2 20170623; SG 11201408072S A 20150129; TW 201408922 A 20140301; TW I576531 B 20170401; US 2015167894 A1 20150618; US 9360159 B2 20160607; WO 2013186458 A2 20131219; WO 2013186458 A3 20140306

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FR 1255435 A 20120611; AR P130101944 A 20130603; AU 2013276386 A 20130604; BR 112014030805 A 20130604; CA 2875378 A 20130604; CN 201380029055 A 20130604; EP 13730032 A 20130604; ES 13730032 T 20130604; FR 2013051258 W 20130604; HR P20161468 T 20161107; IN 2402MUN2014 A 20141125; KR 20147036484 A 20130604; LT 13730032 T 20130604; MY P12014703664 A 20130604; PH 12014502705 A 20141204; PL 13730032 T 20130604; PT 13730032 T 20130604; RU 2014147842 A 20130604; SG 11201408072S A 20130604; TW 102120587 A 20130610; US 201314405131 A 20130604