

Title (en)

WELDING A SEALING MEMBRANE OF A THERMAL INSULATION BODY OF A TANK

Title (de)

SCHWEISSEN EINER DICHTMEMBRAN EINES WÄRMEDÄMMKÖRPERS EINES TANKS

Title (fr)

SOUUDAGE D'UNE MEMBRANE ETANCHE D'UN MASSIF D'ISOLATION THERMIQUE D'UNE CUVE

Publication

EP 3826796 A1 20210602 (FR)

Application

EP 19761914 A 20190722

Priority

- FR 1856991 A 20180726
- FR 2019051820 W 20190722

Abstract (en)

[origin: WO2020021189A1] The present invention relates to a method for welding a sealing, thermally insulating tank membrane, according to which there are present: - at least two metallic staves (1, 2) of the sealing membrane, and - at least two metallic welding supports, a conductive strip (30) being inserted between said two welding supports, after which each of the two raised lateral edges of the two adjacent metallic staves (1, 2) is sealingly welded, by resistance seam welding and in pairs, to one of the welding supports interposed between the adjacent raised edges.

IPC 8 full level

B23K 20/04 (2006.01); **B23K 11/06** (2006.01); **B23K 11/30** (2006.01); **B63B 3/00** (2006.01); **F17C 3/02** (2006.01); **F17C 13/00** (2006.01);
B23K 101/00 (2006.01); **B23K 103/02** (2006.01)

CPC (source: EP KR)

B23K 11/061 (2013.01 - EP KR); **B23K 11/3036** (2013.01 - EP KR); **B63B 25/14** (2013.01 - KR); **B23K 2101/006** (2018.08 - EP KR);
B23K 2103/02 (2018.08 - EP KR); **B63B 25/14** (2013.01 - EP); **F17C 2203/0358** (2013.01 - EP KR); **F17C 2209/221** (2013.01 - EP KR);
F17C 2221/033 (2013.01 - EP KR); **F17C 2223/0161** (2013.01 - EP KR); **F17C 2223/033** (2013.01 - EP KR); **F17C 2270/0107** (2013.01 - EP KR)

Citation (examination)

FR 3054871 A1 20180209 - GAZTRANSPORT ET TECHNIGAZ [FR]

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 2020021189 A1 20200130; CN 112543691 A 20210323; CN 112543691 B 20220916; EP 3826796 A1 20210602; FR 3084270 A1 20200131;
FR 3084270 B1 20220107; KR 20210031938 A 20210323; SG 11202100789Q A 20210330

DOCDB simple family (application)

FR 2019051820 W 20190722; CN 201980049914 A 20190722; EP 19761914 A 20190722; FR 1856991 A 20180726;
KR 20217004065 A 20190722; SG 11202100789Q A 20190722