

Title (en)

SEALED AND THERMALLY INSULATING TANK WALL COMPRISING SPACED-APART SUPPORT ELEMENTS

Title (de)

ABGEDICHTETE UND WÄRMEISOLIERENDE BEHÄLTERWAND MIT BEABSTANDETEN STÜTZELEMENTEN

Title (fr)

PAROI DE CUVE ETANCHE ET THERMIQUEMENT ISOLANTE COMPORTANT DES ELEMENTS PORTEURS ESPACES

Publication

**EP 2880356 A2 20150610 (FR)**

Application

**EP 13756578 A 20130718**

Priority

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- FR 2013051747 W 20130718

Abstract (en)

[origin: WO2014020257A2] A sealed and thermally insulating tank incorporated into a load-bearing structure, in which a tank wall comprises: a load-bearing wall (1), a secondary thermal insulation barrier (2), consisting of a plurality of secondary insulating elements (6), a primary thermal insulation barrier (4) consisting of a plurality of primary insulating elements (7) and a sealing barrier, each primary and secondary insulating element comprising: an insulating lining (35) and a plurality of load-bearing elements (40, 28, 37) passing through the insulating lining, a panel (17, 34) parallel to the tank wall arranged at one end of the load-bearing elements of the insulating element, in which a panel of the primary or secondary insulating element is arranged between the primary and secondary load-bearing elements, at least one primary load-bearing element (28, 40) of the plurality of primary load-bearing elements being spaced apart from the underlying load-bearing elements (37), in a projection view in a plane parallel to the tank wall.

IPC 8 full level

**F17C 3/02** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2014020257A2

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