

Title (en)
TANK FOR TRANSPORTING AND/OR STORING CRYOGENIC LIQUIDS

Title (de)
TANK FÜR TRANSPORT UND/ODER LAGERUNG VON KRYOGENEN FLÜSSIGKEITEN

Title (fr)
RÉSERVOIR DESTINÉ AU TRANSPORT ET/OU AU STOCKAGE DE LIQUIDES CRYOGÈNES

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Abstract (en)
[origin: WO2012065616A1] The invention relates to a tank for transporting and/or storing liquefied natural gas, methane, propane, butane, ethylene, or other cryogenic liquids, comprising - a tank casing, - wherein the tank casing comprises tank casing panels, which are each formed by a plurality of parallel tank casing profiled elements made of extruded light metal, which each have a tank casing profiled element plate, which forms part of the tank casing, and a tank casing profiled element web protruding from the inside of the tank casing profiled element plate, wherein the tank casing profiled elements are welded to each other by means of butt welds at the longitudinal-side edges of the tank casing profile element plates, - wherein the tank casing furthermore comprises connecting profiled elements made of extruded light metal, which each comprise a connecting profiled element plate, which forms part of the tank casing, and a connecting profiled element web protruding from the inside of the connecting profiled element plate, wherein the connecting profiled elements are arranged between adjacent tank casing panels, extend perpendicularly to the tank casing profiled elements, and are welded at the longitudinal sides of the connecting profiled element plates to the narrow sides of the tank casing profile element plates by means of butt welds, - frame elements arranged inside the tank, which are welded at lateral edges to the ends of the connecting profiled element webs projecting into the tank, and - support plates in the corners between the panels and the frame elements, which support plates are each welded at an edge to a tank casing profiled element web and at another edge to a frame element.

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See references of WO 2012065616A1

Cited by
CN105849010A; EP3090963A4; US10145508B2

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