

Title (en)

Method for converting a single-walled vessel into a double-walled vessel, and a thus formed double-walled vessel

Title (de)

Verfahren zur Umwandlung eines einwandigen Behälters in einen doppelwandigen Behälter und somit geformter doppelwandiger Behälter

Title (fr)

Procédé de conversion d'un récipient à simple paroi dans un récipient à double paroi, et récipient à double paroi ainsi formé

Publication

EP 1894833 A1 20080305 (EN)

Application

EP 07017210 A 20070903

Priority

- EP 06018377 A 20060901
- EP 07017210 A 20070903

Abstract (en)

The present invention relates to the construction and the conversion of vessels. The invention relates specifically to a method for converting a single-walled vessel into a double-walled vessel, comprising of: #c creating a recess in the single-walled vessel for placing of a tank compartment, #c providing plate material, #c connecting the plate material to form a tank compartment outside the vessel, #c placing the tank compartment in the recess, characterized in that at least two frame elements, which are placed substantially parallel and spaced apart and to which the plate material is connected, are used to form the tank compartment.

IPC 8 full level

B63B 3/20 (2006.01); **B63B 3/22** (2006.01); **B63B 9/04** (2006.01); **B63B 25/00** (2006.01)

CPC (source: EP)

B63B 3/20 (2013.01); **B63B 71/00** (2020.01)

Citation (applicant)

US 6637359 B1 20031028 - HAGNER THOMAS [US]

Citation (search report)

- [XA] EP 0701941 A2 19960320 - GLOYSTEIN JUERGEN DIPL ING [DE]
- [A] US 4230061 A 19801028 - ROBERTS WILLIAM M, et al
- [DA] US 6637359 B1 20031028 - HAGNER THOMAS [US]
- [A] JP S57134377 A 19820819 - HITACHI SHIPBUILDING ENG CO
- [A] JP S59176174 A 19841005 - HITACHI SHIPBUILDING ENG CO
- [A] WO 9810982 A1 19980319 - MARINEX INT INC [US]

Cited by

FR2997061A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1894833 A1 20080305

DOCDB simple family (application)

EP 07017210 A 20070903