

Title (en)

Metallic tank with a closable manhole

Title (de)

Metallischer Tankbehälter mit einem verschliessbaren Schachtrahmen

Title (fr)

Citerne métallique présentant un orifice de visite obturable

Publication

**EP 1655171 A1 20060510 (FR)**

Application

**EP 05292343 A 20051104**

Priority

FR 0411764 A 20041104

Abstract (en)

The tank has a ferrule (1) in which the edge of its opening, forming a manhole, is deformed to form a tapered collar (2) whose sides define a tubular connection zone (3) housing an annular flange (4). The manhole is closable by a lid. The annular flange is directly welded on the edge of the opening. The flange has an outer diameter of 560 millimeter which is equal to the inner diameter of the opening. An independent claim is also included for a method for fabricating a metallic tank.

IPC 8 full level

**B60P 3/22** (2006.01); **B65D 90/10** (2006.01)

CPC (source: EP)

**B65D 90/10** (2013.01)

Citation (applicant)

- GB 232094 A 19250416 - DAVIS WELDING & MFG COMPANY
- WO 2004074585 A2 20040902 - CASWICK LTD [GB], et al

Citation (search report)

- [XY] GB 2207946 A 19890215 - CULLIGAN INT CO
- [X] DE 10241401 A1 20040318 - GRIESHABER VEGA KG [DE], et al
- [Y] EP 0292343 A1 19881123 - MAGYAR SA [FR]
- [DA] GB 232094 A 19250416 - DAVIS WELDING & MFG COMPANY
- [A] DE 8806942 U1 19880818

Cited by

WO2014008713A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1655171 A1 20060510**; FR 2877327 A1 20060505; FR 2877327 B1 20110415

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