

Title (en)

LIQUID TANK WITH A FLOATING ROOF, SUCH AS A STORAGE TANK USED IN THE ELECTRONUCLEAR FIELD

Publication

EP 0177400 B1 19880316 (FR)

Application

EP 85401823 A 19850919

Priority

FR 8414859 A 19840927

Abstract (en)

[origin: US4723682A] The invention relates to floating roof tanks for liquids, of the type comprising a cylindrical wall (2), a floating roof (3), and a flexible membrane (4) connecting the periphery of the floating roof to the wall. In accordance with the invention, the tank further includes an overflow duct for providing protection against over-filling when the roof (3) is in its top position. The overflow duct (26) is mounted on the outside of the tank and has an upsidedown U-shaped portion disposed at a height corresponding to a maximum predetermined level for liquid inside the tank when the roof is in its top position. The invention is applicable to the nuclear power industry for storage tanks for topping up the primary circuit of a nuclear reactor with de-gassed water.

IPC 1-7

B65D 88/48

IPC 8 full level

G21D 1/00 (2006.01); **B65D 88/48** (2006.01)

CPC (source: EP US)

B65D 88/48 (2013.01 - EP US)

Cited by

NL1032192C2; WO2008010702A1

Designated contracting state (EPC)

BE CH DE GB IT LI NL SE

DOCDB simple family (publication)

EP 0177400 A1 19860409; EP 0177400 B1 19880316; CA 1254017 A 19890516; DE 3561872 D1 19880421; FR 2570682 A1 19860328; FR 2570682 B1 19870109; JP S61184493 A 19860818; US 4723682 A 19880209

DOCDB simple family (application)

EP 85401823 A 19850919; CA 491295 A 19850920; DE 3561872 T 19850919; FR 8414859 A 19840927; JP 21606985 A 19850926; US 78056885 A 19850926