

Title (en)
Membrane pressure expansion container

Title (de)
Membrandruckausdehnungsgefäß

Title (fr)
Récipient d'extension à pression de membrane

Publication
EP 2233844 B1 20140917 (DE)

Application
EP 09003715 A 20090314

Priority
EP 09003715 A 20090314

Abstract (en)
[origin: EP2233844A1] The vessel (1) has a vessel interior chamber closed by two vessel parts (2, 3). The interior chamber is separated into a water chamber (7) and a gas chamber (8) by a flat and/or semi-shell shaped membrane (6). The water chamber is connected with a line network by a connection support (5). The membrane is made of single-layer gas impermeable plastic and is connected with a sealing element at an outer edge of the membrane. The outer edge of the membrane is integrated into a connection region (4) between the vessel parts in a fluid-tight manner.

IPC 8 full level
F24D 3/10 (2006.01)

CPC (source: EP)
F24D 3/1008 (2013.01); **F24D 3/1016** (2013.01)

Cited by
ITPD20100166A1; CN109416197A; WO2020218999A3

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2233844 A1 20100929; EP 2233844 B1 20140917; EP 2233844 B2 20170301; DK 2233844 T3 20141103; DK 2233844 T4 20170424; ES 2521500 T3 20141112; ES 2521500 T5 20170704; PL 2233844 T3 20150130; PL 2233844 T5 20171031; PT 2233844 E 20141103; SI 2233844 T1 20141231; SI 2233844 T2 20170531

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