

Title (en)

Combined expansion vessel for heating and sanitary water

Title (de)

Kombiniertes Brauch- und Heizungswasserausdehnungsgefäß

Title (fr)

Vase d'expansion combiné pour eau de chauffage et eau sanitaire

Publication

EP 0943872 A3 20010912 (DE)

Application

EP 98110809 A 19980612

Priority

DE 19813970 A 19980320

Abstract (en)

[origin: EP0943872A2] The combined tank for cold/hot water at different temperature levels has a zone (18) for the hot water supply in an expanding tank (15), and the central heating water supply zone (23) in a second expanding tank (21). The two expanding tanks are separated by a rigid dividing wall (20) which is welded in place at the upper section (11) of the tank. The hot water zone is formed by a bubble membrane (16), and the heating water zone by a pot membrane (22).

IPC 1-7

F24D 3/10; **F24D 3/08**

IPC 8 full level

B65D 88/16 (2006.01); **F24D 3/08** (2006.01); **F24D 3/10** (2006.01)

CPC (source: EP US)

F24D 3/08 (2013.01 - EP US); **F24D 3/1008** (2013.01 - EP US); **F24D 3/1016** (2013.01 - EP US)

Citation (search report)

- [A] GB 1200515 A 19700729 - ATROL ARMATUREN GMBH [DE]
- [A] DE 3021829 A1 19811224 - SCHULZ ULRICH, et al

Cited by

EP1408284A1; DE102022001144A1; WO2023186528A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29902347 U1 19990527; DE 19813970 A1 19990930; EP 0943872 A2 19990922; EP 0943872 A3 20010912; JP H11349092 A 19991221; PL 327514 A1 19990927; TR 199801296 A2 19991021; US 6041820 A 20000328

DOCDB simple family (application)

DE 29902347 U 19990211; DE 19813970 A 19980320; EP 98110809 A 19980612; JP 2525799 A 19990202; PL 32751498 A 19980714; TR 9801296 A 19980706; US 15451898 A 19980916