

Title (en)

Installation for the heating or cooling of fluids.

Title (de)

Vorrichtung zum Erwärmen oder Kühlen von Flüssigkeiten.

Title (fr)

Appareil pour chauffer ou refroidir des fluides.

Publication

EP 0420220 B1 19941221 (DE)

Application

EP 90118515 A 19900926

Priority

- DE 8911523 U 19890927
- DE 9004046 U 19900406

Abstract (en)

[origin: EP0420220A1] An installation for the heating or cooling of fluids, in particular water, is proposed, the container (1) of which is divided into a lower chamber (5) and an upper chamber (7) by a thermally insulating partition (3) which is provided with flowthrough openings (15). Pipes (11, 13) open into the lower chamber and into the upper chamber and a heating device (25) or a cooling device allows the heating or the cooling of the fluid in the two chambers at different temperature levels. The container (1) can be used as a storage container for heated or cooled fluid or otherwise as a buffer store of a heating installation or cooling installation. The partition (3) reduces the energy requirement necessary for heating or cooling.
<IMAGE>

IPC 1-7

F24D 11/00

IPC 8 full level

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CPC (source: EP)

F24D 3/082 (2013.01); **F24D 11/002** (2013.01); **F24H 1/18** (2013.01)

Cited by

JP2013515944A; EP1724415A3; EP2995868A1; GB2497291A; GB2587343A; GB2587343B; US10119724B2; WO2011078767A1

Designated contracting state (EPC)

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