

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

**F24D 3/08** (2006.01); **F24D 11/00** (2006.01); **F24H 1/18** (2006.01)

CPC (source: EP)

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Cited by

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

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**EP 0420220 A1 19910403**; **EP 0420220 B1 19941221**; AT E116052 T1 19950115; DE 59008071 D1 19950202; DE 9004046 U1 19910131

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