

Title (en)

Compact heating system with two heating circuits

Title (de)

Kompaktheizungsanlage mit zwei Heizkreisen

Title (fr)

Installation de chauffage compacte avec deux circuits de chauffage

Publication

**EP 1418387 B1 20160113 (DE)**

Application

**EP 02024872 A 20021108**

Priority

EP 02024872 A 20021108

Abstract (en)

[origin: EP1418387A1] Compact heating system with two heating circuits, one for room heating and one for hot water production, comprises a primary heat exchanger, a secondary heat exchanger for hot water production, and a rotary pump (1) conveying a heat transfer medium through the primary heat exchanger and then through one of the heating circuits. A distributing valve (2) connects, depending on the switch position, one of the heating circuits to a circuit with the primary heat changer. The rotary pump and the distributing valve are arranged as a construction unit on the hot side of the primary heat exchanger. The pressure joints (5) of the pump are directly joined to the adjacent valve housing (6). Preferred Features: The pump housing (4) is made in one piece with the valve housing of the distributing valve.

IPC 8 full level

**F24H 9/14** (2006.01); **F24D 3/08** (2006.01)

CPC (source: EP)

**F24D 3/08** (2013.01); **F24H 9/14** (2013.01); **F24H 9/142** (2013.01)

Cited by

CN102226588A; EP1845314A1; CN102226589A; EP1909041A1; EP3012552A1; EP1650506A1; ITBO20080456A1; EP2148149A3; US2011308767A1; US9612036B2; EP2613097B2

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**EP 1418387 A1 20040512**; **EP 1418387 B1 20160113**; CN 100526748 C 20090812; CN 1499138 A 20040526

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