

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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EP 02024872 A 20021108; CN 200310101324 A 20031015