

Title (en)

Method and installation for reducing the waiting time for the tapping of hot water

Title (de)

Verfahren und Einrichtung zur Reduzierung der Wartezeit für das Zapfen von warmen Wasser

Title (fr)

Méthode et installation pour réduire le temps d'attente pour le tirage d'eau chaude

Publication

EP 0931988 A3 20010912 (DE)

Application

EP 98121850 A 19981117

Priority

DE 19802362 A 19980122

Abstract (en)

[origin: EP0931988A2] The primary heat exchanger (7) is part of a primary circuit (10,11,12) incorporating at least one hot water heating body and a circulating pump (5). The secondary heat exchanger (3) is part of a secondary circuit (13) incorporating at least one hot water tap point. When required, the secondary heat exchanger can be connected to the primary circuit via a connecting conduit (9) between the forward flow (11) and back flow (12) of the primary circuit. The secondary heat exchanger can be bridged over by a bypass conduit (8) and a valve (2) is provided for the connecting conduit (9), by means of which the throughflow can be interrupted or at least reduced to a leak flow so that the secondary heat exchanger is uncoupled from the primary circuit.

IPC 1-7

F24D 19/10

IPC 8 full level

F24D 19/10 (2006.01)

CPC (source: EP US)

F24D 19/1066 (2013.01 - EP US)

Citation (search report)

- [X] GB 2235966 A 19910320 - WORCESTER HEAT SYSTEMS LTD [GB]
- [X] GB 2262593 A 19930623 - INTER ALBION LTD [GB]
- [A] GB 1187601 A 19700408 - JUNKERS & CO [DE]
- [A] DE 4332141 A1 19940331 - VAILLANT JOH GMBH & CO [DE]

Cited by

EP1884720A1; FR2963087A1; CN111895483A; CN108759090A; EP1884717A1; EP2600068A3; US9726433B2

Designated contracting state (EPC)

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