

Title (en)
Hot water supply system with recirculation

Title (de)
Warmwasserversorgungsanlage mit Ringleitung

Title (fr)
Système de distribution d'eau chaude à recirculation

Publication
EP 0674137 B1 19980211 (DE)

Application
EP 95103591 A 19950313

Priority
DE 4409927 A 19940323

Abstract (en)
[origin: EP0674137A1] The circuit has the water heated by circulation through a hot water heater (1) and fed to a ring line (2), supplying the tap-off lines (3) for each of the taps (4) via gravity or a pump. Each tap-off line has a circulation line (5) of reduced cross-section, part of which extends through the tap-off line and terminates at the tap, the part lying outside the tap-off line made of a pressure-resistant material. The external part of the circulation line is fitted to the tap-off line via a branch connector with a small cross-section branch connection at an acute angle to the flow direction in the tap-off line, the major part of the branch connector leading to the ring line. Pref. a central control device (13) for the hot water supply only operates the water heater and the pump etc. when a movement detector (16) indicates the presence of someone adjacent one of the taps.

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F24D 17/00

IPC 8 full level
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CPC (source: EP US)
F24D 17/0078 (2013.01 - EP US); **F24D 17/0084** (2013.01 - EP US); **F24D 17/0089** (2013.01 - EP); **Y10T 137/6552** (2015.04 - EP US); **Y10T 137/85962** (2015.04 - EP US)

Cited by
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AT BE CH DE DK FR GB IT LI NL SE

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