

Title (en)

Domestic hot water network with low rate of pathogens

Title (de)

Sanitäres Warmwassernetz mit niedrigem Krankheitserregergehalt

Title (fr)

Réseau d'eau chaude sanitaire à faible taux de pathogènes

Publication

EP 2138774 A3 20101020 (FR)

Application

EP 09006957 A 20090525

Priority

FR 0802817 A 20080526

Abstract (en)

[origin: EP2138774A2] The network has a domestic cold water arriving circuit (10) including a flow regulation unit (14) i.e. needle valve, for regulating flow of cold water circulating in the circuit. A closed hot water network (11) and the circuit are connected to a pressure equalizer (13). The hot water network and the circuit are in contact with each other through a heat exchanger (15) positioned near a mouth of the circuit such that cold water flowing through the circuit is heated to a pre-programmed temperature before being distributed in the hot water network.

IPC 8 full level

F24D 17/00 (2006.01)

CPC (source: EP)

F24D 17/00 (2013.01)

Citation (search report)

- [Y] DE 102004013219 B3 20050519 - SANDLER SYSTEMTECHNIK E K [DE]
- [Y] FR 2907925 A1 20080502 - SASSIER PIERRE HENRI [FR]
- [Y] DE 4035115 A1 19910919 - SANDLER ENERGIETECHNIK [DE]
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- [A] GB 213189 A 19240327 - GUY EDWARD SHOEMAKER

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 09006957 A 20090525