

Title (en)

Method for providing cold and hot water in a water supply system and drinking water device

Title (de)

Verfahren zur Bereitstellung von Kalt- und Warmwasser in einem Wasserversorgungssystem und Trinkwassereinrichtung

Title (fr)

Procédé de préparation d'eau froide et chaude dans un système d'approvisionnement en eau et dispositif d'eau sanitaire

Publication

EP 2679919 A3 20161130 (DE)

Application

EP 13172052 A 20130614

Priority

DE 102012211373 A 20120629

Abstract (en)

[origin: EP2679919A2] The method involves maintaining cold water (KW) that is mobilized at tap connections (Z1-Z3), over a cold water circulation (KWZ). Hot water (WW) mobilized at the tap connection is maintained over a hot water circulation (WWZ). The cold water circulation is joined with the hot water circulation. The cold water is supplied from the cold water circulation into the hot water circulation while simultaneously adjusting the supply of a fresh cold water into the cold water circulation from a fresh water connection (3A) such that temperature of the cold water in the cold water circulation is lowered. An independent claim is also included for a drinking water device for supplying cold and hot water into a drinking water supply system.

IPC 8 full level

F24D 19/10 (2006.01); **C02F 1/00** (2006.01); **E03B 7/04** (2006.01); **F24D 17/00** (2006.01)

CPC (source: EP)

E03B 7/045 (2013.01); **F24D 17/0073** (2013.01); **F24D 17/0078** (2013.01)

Citation (search report)

- [A] DE 202004008947 U1 20041111 - SCHOEBERL MEINOLF [DE]
- [A] WO 2011071369 A1 20110616 - HEMME RENERUS MARIA [NL], et al
- [AD] DE 102004039232 A1 20060223 - BAUER THOMAS [DE], et al
- [A] DE 102004033307 A1 20050331 - MILLER BERNHARD [DE]

Cited by

CN114575412A; EP3670765A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102012211373 B3 20131107; EP 2679919 A2 20140101; EP 2679919 A3 20161130

DOCDB simple family (application)

DE 102012211373 A 20120629; EP 13172052 A 20130614