

Title (en)

System and method for preparing hot sanitary water

Title (de)

Anordnung und Verfahren zur Bereitstellung von warmen Brauchwasser

Title (fr)

Ensemble et procédé pour préparer de l'eau chaude sanitaire

Publication

EP 1170554 B1 20060118 (DE)

Application

EP 01116431 A 20010706

Priority

DE 10032714 A 20000707

Abstract (en)

[origin: EP1170554A2] The primary circuit (10) comprises an appliance (11) providing warm or hot water, and a fluid-conveyor (14) which has a regulator. A heat exchanger (5) transmits heat from the primary circuit's fluid to the service water in the secondary circuit (20). The primary or secondary circuits contain a temperature sensor (17,27). A branch-point (18) for a branch pipe (19) behind the conveyor in the direction of flow is positioned in the primary circuit in the discharge side pipe (13). The branch pipe leads to a mixer valve (15) on the inlet side pipe (12).

IPC 8 full level

F24D 19/10 (2006.01); **F24D 17/00** (2006.01)

CPC (source: EP US)

F24D 19/1069 (2013.01 - EP US); **F24D 17/0078** (2013.01 - EP)

Cited by

EP2101115A1; EP1795818A1; FR2963087A1; IT202100027374A1; EP2602559A3; EP2413048A1; CN102345928A; US9574780B2; WO2018162729A1; EP2543949A2; DE102011107270A1; EP2138775A2; EP2138776A2; DE102008029654A1; WO2023073485A1; EP3012553B1

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