

Title (en)
Method and system for preparing sanitary hot water

Title (de)
Anordnung und Verfahren zur Bereitstellung von warmem Brauchwasser

Title (fr)
Méthode et système pour préparer de l'eau chaude sanitaire

Publication
EP 0807790 A3 19981118 (DE)

Application
EP 97107971 A 19970515

Priority
DE 19619566 A 19960515

Abstract (en)
[origin: EP0807790A2] The device comprises a primary circuit (10) which has a heater (1) producing warm or hot fluid and a conveyor (14) with a regulator for the fluid. A secondary circuit (20) is for the service water to be heated up. A heat exchanger (5) transfers heat from the fluid in the primary circuit to the service water in the secondary circuit. The primary circuit in the heat exchanger or the output side pipe (13) has a first temperature sensor (17). The secondary circuit in the heat exchanger or the output side pipe (23) has a second temperature sensor (27). The regulator has a circuit which switches on the conveyor when the temperature drops below a nominal value and or exceeds a nominal value on the second temperature sensor, and switches off the conveyor when the temperature exceeds a nominal value and or exceeds an amount on the first temperature sensor.

IPC 1-7
F24D 19/10

IPC 8 full level
F24D 19/10 (2006.01)

CPC (source: EP US)
F24D 19/1069 (2013.01 - EP US)

Citation (search report)
• [X] EP 0226246 A1 19870624 - NEFIT NV [NL]
• [A] GB 2293438 A 19960327 - GLEDHILL WATER STORAGE [GB]
• [A] EP 0621450 A2 19941026 - LACHENMEIER GEORG [CH]
• [XP] DE 19512025 A1 19961002 - STIEBEL ELTRON GMBH & CO KG [DE]

Cited by
EP0989372A3; EP2963350A1; CN110579023A; GB2368896A; GB2368896B; EP2503252A3; EP1906104A1; AT504286B1; DE102015113140A1

Designated contracting state (EPC)
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