

Title (en)
WATER AND ENERGY ECONOMISER

Title (de)
WASSER- UND STROMSPARVORRICHTUNG

Title (fr)
ÉCONOMISEUR D'EAU ET D'ÉNERGIE

Publication
EP 2333432 A1 20110615 (EN)

Application
EP 09815709 A 20090923

Priority
• ES 2009070395 W 20090923
• ES 200801933 U 20080924

Abstract (en)
In proximity to each tap, or element to which the economizer wants to be applied, a circuit (10) is sandwiched into its water intakes, presenting: a cold water inlet (2) of the system connected with a cold water outlet (4) to the tap through a cold water electrovalve (9); a hot water Inlet (1) coming from the boiler or similar, connected with a hot water outlet (3) to the tap through a flowrate detector (6), a temperature detector (7), and a hot water electrovalve (8) that has an outlet to the return circuit (5) connected with a return water pipeline joined in proximity to the boiler or similar to its cold water intake. In proximity to the connection between these last intake and pipeline are respective non-return valves, said pipeline being further provided with an impulse pump.

IPC 8 full level
F24D 17/00 (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)
E03B 1/048 (2013.01 - EP); **E03C 1/023** (2013.01 - EP); **F24D 17/0078** (2013.01 - EP); **F24D 19/1051** (2013.01 - EP US)

Citation (search report)
See references of WO 2010034866A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2333432 A1 20110615; ES 1068770 U 20081201; ES 1068770 Y 20091009; WO 2010034866 A1 20100401

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