

Title (en)

CONTROL UNIT FOR THE SUPPLY OF WATER-BEARING HOUSEHOLD APPLIANCES

Title (de)

STEUEREINHEIT FÜR DEN ZULAUF VON WASSERFÜHRENDEN HAUSHALTGERÄTEN

Title (fr)

UNITE DE COMMANDE POUR L'ALIMENTATION D'APPAREILS MENAGERS UTILISANT DE L'EAU

Publication

**EP 1838916 A1 20071003 (DE)**

Application

**EP 05816284 A 20051202**

Priority

- EP 2005056427 W 20051202
- DE 102005000627 A 20050103

Abstract (en)

[origin: US2010012206A1] A control unit for household appliances which are connected to a cold and hot water supply network (K and H). Said control unit comprises a mechanical actuator which can adjust the temperature of the mixed water from both of the water networks to a predetermined value in conjunction with a thermosensor and an intelligent evaluation system and is branched to various outlet lines at the same time as the mixed water flow. The adjusting element is embodied as a rotary valve or as a piston and is only displaced in one direction by means of the drive thereof. The outlet lines, which correspond to the program sequence, are successively controlled in the direction of displacement.

IPC 8 full level

**D06F 39/08** (2006.01)

CPC (source: EP KR US)

**D06F 33/34** (2020.02 - KR); **D06F 34/24** (2020.02 - KR); **D06F 39/02** (2013.01 - KR); **D06F 39/088** (2013.01 - EP KR US); **D06F 2103/16** (2020.02 - KR); **D06F 2105/04** (2020.02 - KR); **Y10T 137/87249** (2015.04 - EP US)

Citation (search report)

See references of WO 2006072515A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2010012206 A1 20100121**; AT E426060 T1 20090415; CN 100549280 C 20091014; CN 101094951 A 20071226; DE 102005000627 A1 20060713; DE 502005006909 D1 20090430; EP 1838916 A1 20071003; EP 1838916 B1 20090318; KR 20070091309 A 20070910; WO 2006072515 A1 20060713

DOCDB simple family (application)

**US 79464505 A 20051202**; AT 05816284 T 20051202; CN 200580045866 A 20051202; DE 102005000627 A 20050103; DE 502005006909 T 20051202; EP 05816284 A 20051202; EP 2005056427 W 20051202; KR 20077014804 A 20070628