

Title (en)

CONTROL METHOD FOR A RAPID HEATING APPARATUS FOR LIQUIDS, AND CORRESPONDING RAPID HEATING APPARATUS

Title (de)

VERFAHREN ZUR STEUERUNG EINER SCHNELLERHITZUNGSVORRICHTUNG FÜR FLÜSSIGKEITEN UND ENTSPRECHENDE SCHNELLERHITZUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ DE COMMANDE POUR UN APPAREIL DE CHAUFFAGE RAPIDE DE LIQUIDES ET APPAREIL DE CHAUFFAGE RAPIDE CORRESPONDANT

Publication

**EP 3141843 A1 20170315 (EN)**

Application

**EP 16188206 A 20160909**

Priority

IT UB20153585 A 20150911

Abstract (en)

Control method for a rapid heating apparatus (10) for liquids, comprising a rapid heating unit (18), a flowmeter (15) able to measure a flow of liquid in the rapid heating unit (18), a detection and control device (20) configured to cooperate with the flowmeter (15) in order to detect a proximity signal (34) correlated to said flowmeter (15) with respect to said detection and control device (20), and to supply a possible indication of the malfunctioning or damage of the flowmeter (15).

IPC 8 full level

**F24H 9/20** (2006.01); **G01F 1/06** (2006.01)

CPC (source: EP US)

**F24H 9/2028** (2013.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/281** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US); **F24H 15/395** (2022.01 - EP US); **F24H 15/421** (2022.01 - EP US)

Citation (applicant)

- DE 10231692 A1 20040122 - STIEBEL ELTRON GMBH & CO KG [DE]
- US 2011027680 A1 20110203 - CHO WOONG-HO [KR]

Citation (search report)

- [Y] DE 10231692 A1 20040122 - STIEBEL ELTRON GMBH & CO KG [DE]
- [Y] US 2011027680 A1 20110203 - CHO WOONG-HO [KR]
- [A] DE 19725977 A1 19981224 - KULMBACHER KLIMAGERÄTE [DE]
- [A] DE 4401670 A1 19950817 - KULMBACHER KLIMAGERÄTE [DE]
- [A] US 2010195991 A1 20100805 - DEIVASIGAMANI SRIDHAR [US], et al
- [A] JP S5549651 A 19800410 - TOKYO DENKI KOGYO KK
- [A] CN 204329335 U 20150513 - GUANGDONG CANBO ELECTRICAL CO LTD

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)

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DOCDB simple family (application)

**EP 16188206 A 20160909**; IT UB20153585 A 20150911; PT 16188206 T 20160909