

Title (en)
TAP FOR CONTROLLING A GAS BURNER AND AN ELECTRIC DEVICE

Title (de)
HAHN ZUR STEUERUNG EINES GASBRENNERS UND ELEKTRISCHE VORRICHTUNG

Title (fr)
ROBINET DE COMMANDE D'UN BRÛLEUR À GAZ ET DISPOSITIF ÉLECTRIQUE

Publication
EP 3580495 A1 20191218 (EN)

Application
EP 18707975 A 20180208

Priority
• IT 201700014479 A 20170209
• IB 2018050773 W 20180208

Abstract (en)
[origin: WO2018146607A1] An improved tap (1) for controlling both a gas burner (14) and an electric/electronic apparatus (50), said tap (1) comprising: - a body (2), wherein there is accommodated a shutter (4) for regulating the gas flow towards said burner (14), and - a knob (24) which is operatively associated with said shutter (4) for operating the tap itself and which also is configured so that the rotation thereof controls the activation of said electric/electronic apparatus (50), - at least two switches (42, 44), preferably microswitches, which are applied to said body (2), which are operable by a rotating element (26) rotationally integral with said knob (24) and which have contacts acting on an electric circuit of, or associated with, said electric/electronic apparatus (50), characterized in that: - said at least two switches (42, 44) and said rotating element (26) are arranged and configured so that, according to the activated or deactivated condition of said switches (42, 44), correlated with the angular position of said knob (24), they provide a number of activation output signals (V1, V2, V3) for said apparatus (50) which is greater than the number of said switches (42, 44).

IPC 8 full level
F24C 3/12 (2006.01); **H01H 3/02** (2006.01); **H01H 19/62** (2006.01)

CPC (source: EP)
F24C 3/124 (2013.01); **F24C 3/126** (2013.01); **H01H 3/0206** (2013.01); **F24C 15/2021** (2013.01); **H01H 19/62** (2013.01)

Citation (search report)
See references of WO 2018146607A1

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)
WO 2018146607 A1 20180816; EP 3580495 A1 20191218; EP 3580495 B1 20210428; ES 2881639 T3 20211130;
IT 201700014479 A1 20180809

DOCDB simple family (application)
IB 2018050773 W 20180208; EP 18707975 A 20180208; ES 18707975 T 20180208; IT 201700014479 A 20170209