

Title (en)

A gas tap for touch-sensitive gas control systems

Title (de)

Gashahn für eine Tastgasregelungsanordnung

Title (fr)

Un robinet de gaz pour tactiles systèmes de contrôle de gaz

Publication

EP 2708815 A2 20140319 (EN)

Application

EP 13164656 A 20130422

Priority

TR 201210585 A 20120917

Abstract (en)

A gas tap (2) used in domestic cooking appliances, which can be used in touch-sensitive gas control systems allowing touch control of the gas flow passing through gas taps, said gas tap comprising a body (2.1), a gas inlet (2.2), a gas outlet (2.3), a male (2.4), a pin (2.5), a gasket (2.11), a gearbox (2.12), a servomotor (2.14), a gear (2.15), a pinion (2.16) and a gear system cover (2.13) as well as an electromagnet (2.6) directly connected to a control panel (1) by means of a connecting cable (2.7), said electromagnet permitting gas passage or stopping gas flow in accordance with the information coming from control panel.

IPC 8 full level

F23K 5/00 (2006.01); **F23N 1/00** (2006.01)

CPC (source: EP)

F23K 5/005 (2013.01); **F23N 1/005** (2013.01); **F23K 2900/05002** (2013.01); **F23N 2235/24** (2020.01); **F23N 2237/02** (2020.01); **F23N 2241/08** (2020.01)

Citation (applicant)

- EP 2273678 A2 20110112 - ELECTROLUX PROFESSIONAL AG [CH]
- WO 2006000020 A1 20060105 - EUROP NICKEL PLC [GB], et al
- US 2002045142 A1 20020418 - REPPER PIERRE P [CA], et al
- EP 1909029 A2 20080409 - ORKLI S COOP LTDA [ES]
- EP 2203044 A1 20100707 - FRYDENDAHL IM OG EXP A S [DK]

Cited by

EP3182005A1

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)

EP 2708815 A2 20140319; EP 2708815 A3 20171213

DOCDB simple family (application)

EP 13164656 A 20130422