

Title (en)

A touch-sensitive gas control system and a cam gas tap for domestic cooking appliances

Title (de)

Ein berührungsempfindliches gassteuersystem und eine nocke gashahn Für inländische kochgeräte

Title (fr)

Une touche système sensible de contrôle du gaz et un robinet de gaz de came pour appareils de cuisson domestiques

Publication

EP 2708816 A2 20140319 (EN)

Application

EP 13164657 A 20130422

Priority

TR 201210544 A 20120914

Abstract (en)

A new touch-sensitive gas control system (A) for domestic cooking appliances and a cam gas tap (2) operating in accordance with said system are disclosed. Said tap comprises a body (2.1), a gas inlet (2.2), a gas outlet (2.3), a male, a pin, a magnet, a shuttle, and a gasket as main components, as well as comprising a gearbox mounted on said body, a servomotor located in said gearbox, a gear, a pinion with a cam thereon, and a gear system cover which is mounted on the gearbox in a way to cover it completely in order to prevent food residues and other external residues from getting in the system. As a result of the rotation movement transferred to the pinion, the pin contacts with cam surfaces and moves downward at a certain displacement and pushes the shuttle forward, thereby making it press the magnet.

IPC 8 full level

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CPC (source: EP)

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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

EP2944876A1; CN106372335A; EP3182005A1; EP2827060A1; US9903587B2

Designated contracting state (EPC)

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