

Title (en)
A kit for a domestic gas appliance

Title (de)
Kit für ein Haushaltsgasgerät

Title (fr)
Kit pour appareil domestique à gaz

Publication
EP 2261562 A2 20101215 (EN)

Application
EP 10164860 A 20100603

Priority
ES 200930261 A 20090604

Abstract (en)
A kit for a domestic gas appliance comprising at least one burner, the kit (300) comprising a gas control valve (2) connectable between a gas source and the burner (1); and control means (3) electrically coupled to the gas control valve (2) to control the opening and closing of said gas control valve (2). The control means (3) is adapted to be coupled to an audio input and are configured to receive an analog sound signal (Sson) and to generate a control signal (Sc) based on the analog sound signal (Sson) deliverable to the gas control valve (2) to cause the opening and/or closing of said gas control valve (2), for the purpose of inducing a modulation of a flame in the burner (1).

IPC 8 full level
F23N 1/00 (2006.01); **F23N 5/16** (2006.01); **F24C 3/00** (2006.01)

CPC (source: EP US)
F23N 1/002 (2013.01 - EP US); **F23N 5/16** (2013.01 - EP US); **F24C 3/12** (2013.01 - EP US); **F24C 3/006** (2013.01 - EP US)

Citation (applicant)

- US 2007125367 A1 20070607 - LIM ALVIN [CA], et al
- US 6162045 A 20001219 - HAZARD GARY M [US]
- US 2005208443 A1 20050922 - BACHINSKI THOMAS J [US], et al

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EP3803213A4; WO2019240859A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2261562 A2 20101215; EP 2261562 A3 20171018; CA 2706232 A1 20101204; ES 2381512 A1 20120528; ES 2381512 B1 20130507; US 2010310997 A1 20101209

DOCDB simple family (application)
EP 10164860 A 20100603; CA 2706232 A 20100603; ES 200930261 A 20090604; US 79263210 A 20100602