

Title (en)  
CONTROL ARRANGEMENT FOR A GAS STOVE

Title (de)  
STEUERANORDNUNG FÜR EINEN GASHERD

Title (fr)  
SYSTÈME DE COMMANDE POUR UNE CUISINIÈRE À GAZ

Publication  
**EP 2160541 A2 20100310 (DE)**

Application  
**EP 08760867 A 20080611**

Priority  
• EP 2008057318 W 20080611  
• ES 200701823 A 20070621

Abstract (en)  
[origin: WO2008155278A2] The invention relates to a control arrangement for a gas stove having at least one gas burner (1), the control arrangement comprising at least one volume control valve (2) having a variable flow cross-section, at least one control element (7) for actuating the volume control valve (2) and for switching the gas burner (1) on and off, at least one electrical signal transducer (4) generating an electrical signal depending on the position of the control element (7), and at least one first electrical control device (11) controlling the ignition or extinguishing of a flame on the gas burner depending on the signal of the electrical signal transducer. A second control device (12) is disposed between the electrical signal transducer (4) and the first control device (11) and is designed such that, in at least one position of the operating element (7), a signal is fed to the first control device (11) simulating a continuous switching on and off. The output signal of the second control device (12), which is fed to the first control device (11), is a discrete on/off signal.

IPC 8 full level  
**F23N 1/00** (2006.01)

CPC (source: EP ES US)  
**F23N 1/002** (2013.01 - EP US); **F23N 5/203** (2013.01 - ES); **F23N 5/242** (2013.01 - EP US); **F24C 3/103** (2013.01 - EP US); **F24C 3/126** (2013.01 - EP US); **F23N 2223/18** (2020.01 - EP US); **F23N 2227/34** (2020.01 - EP US); **F23N 2229/00** (2020.01 - EP US); **F23N 2235/16** (2020.01 - EP US); **F23N 2237/10** (2020.01 - EP US); **F23N 2241/08** (2020.01 - EP US)

Citation (search report)  
See references of WO 2008155278A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2008155278 A2 20081224; WO 2008155278 A3 20091112**; EP 2160541 A2 20100310; EP 2160541 B1 20181010; ES 2310491 A1 20090101; ES 2310491 B1 20091027; ES 2694022 T3 20181217; US 2010180882 A1 20100722; US 8353281 B2 20130115

DOCDB simple family (application)  
**EP 2008057318 W 20080611**; EP 08760867 A 20080611; ES 08760867 T 20080611; ES 200701823 A 20070621; US 66407408 A 20080611