

Title (en)

DRIVING DEVICE OF A FLAME CIRCUIT FOR BURNERS

Title (de)

VERSORGUNGSVORRICHTUNG EINER FLAMMENSCHALTUNG FÜR BRENNER

Title (fr)

DISPOSITIF DE COMMANDE D'UN CIRCUIT DE FLAMME POUR BRÛLEURS

Publication

EP 4116626 A1 20230111 (EN)

Application

EP 21184523 A 20210708

Priority

EP 21184523 A 20210708

Abstract (en)

A driving device of a flame circuit of a burner, in particular a gas burner, comprising a feedback control by means of which it is possible to compensate for possible variations in the input voltage so as to ensure that the flame circuit, whether it is used to ignite the burner or to detect the presence of a flame therein, works within optimal operating specifications so as to improve the operation and increase the safety level of the system.

IPC 8 full level

F23N 5/12 (2006.01); **F23N 5/26** (2006.01)

CPC (source: EP)

F23N 5/123 (2013.01); **F23N 5/265** (2013.01); **F23N 2227/28** (2020.01); **F23N 2227/36** (2020.01)

Citation (search report)

- [A] CN 109780570 B 20200121
- [A] US 6222719 B1 20010424 - KADAH ANDREW S [US]
- [A] US 2016116170 A1 20160428 - HUANG CHUNG-CHIN [TW], et al

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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