

Title (en)
Ignition needle for gas stove and gas stove

Title (de)
Zündnadel für Gasherd sowie Gasherd

Title (fr)
Aiguille d'allumage pour cuisinière à gaz et cuisinière à gaz

Publication
EP 2868975 A3 20150916 (EN)

Application
EP 14188926 A 20141015

Priority
CN 201310483232 A 20131016

Abstract (en)
[origin: EP2868975A2] The present invention relates to an ignition needle (2) for a gas stove (1) and a gas stove. The ignition needle for a gas stove includes an ignition electrode (10) and a casing (20), the ignition electrode (10) includes an ignition head (11), and the ignition head includes a top-down radially tapered necking portion (110). The casing (20) wraps the ignition electrode (10) with the ignition head (11) exposed. The present invention is beneficial to extending the service life of the ignition needle, and moreover, the ignition success rate of the ignition needle is high, and the phenomenon of excessively long ignition time or unsuccessful ignition does not easily occur.

IPC 8 full level
F24C 3/10 (2006.01); **F23Q 3/00** (2006.01)

CPC (source: EP)
F23Q 3/006 (2013.01); **F24C 3/103** (2013.01)

Citation (search report)

- [XYI] WO 0052391 A1 20000908 - UTILUX PTY LTD [AU], et al
- [Y] US 4136259 A 19790123 - DJEDDAH JACQUES L
- [A] GB 2282215 A 19950329 - UTILUX PTY LTD [AU]
- [A] GB 1587002 A 19810325 - KIGASS ENG LTD

Cited by
CN110081471A; CN108119922A; CN111550825A

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 2868975 A2 20150506; EP 2868975 A3 20150916; CN 104566445 A 20150429; CN 104566445 B 20190426

DOCDB simple family (application)
EP 14188926 A 20141015; CN 201310483232 A 20131016