

Title (en)
BURNER ASSEMBLY AND GAS STOVE

Title (de)
BRENNERANORDNUNG UND GASHERD

Title (fr)
ENSEMBLE BRÛLEUR ET CUISINIÈRE À GAZ

Publication
EP 3276261 A4 20180620 (EN)

Application
EP 16874605 A 20160922

Priority
• CN 201510963461 A 20151217
• CN 2016099749 W 20160922

Abstract (en)
[origin: EP3276261A1] Disclosed are a burner assembly and a gas stove. The burner assembly comprises a burner (5), a gas distribution disk (3) mounted on the burner (5), and a flexible metal seal ring (4) located between the burner (5) and the gas distribution disk (3), wherein the bottom of the gas distribution disk (3) is provided with a first fitting surface, the top of the burner (5) is provided with a second fitting surface, the flexible metal seal ring (4) is provided with a first surface and a second surface opposite to the first surface, the first surface is in seal-fit with the first fitting surface, and the second surface is in seal-fit with the second fitting surface of the burner (5). The gas stove comprises a panel (3'), a bottom shell (4') and the burner assembly. The burner assembly can prevent gas leakage during operation of the gas stove, thereby improving the safety of the gas stove.

IPC 8 full level
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CPC (source: CN EP US)
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Citation (search report)
• [XP] CN 205227322 U 20160511 - GUANGDONG MIDEA KITCHEN APPLIANCES MFG CO LTD, et al
• [IP] CN 205316321 U 20160615 - GUANGDONG HISENSE HOME APPLIANCES CO LTD
• [XY] CN 203099913 U 20130731 - MIDEA GROUP CO LTD
• [YA] CN 101666500 A 20100310 - GUANGDONG MACRO GAS APPLIANCE
• See references of WO 2017101545A1

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)
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US 2018320894 A1 20181108; WO 2017101545 A1 20170622

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