

Title (en)

OPERATION APPARATUS FOR COOKTOP, AND COOKTOP

Title (de)

BETRIEBSVORRICHTUNG FÜR EIN KOCHFELD SOWIE KOCHFELD

Title (fr)

APPAREIL DE COMMANDE POUR TABLE DE CUISSON ET TABLE DE CUISSON

Publication

EP 2985532 A1 20160217 (EN)

Application

EP 15178233 A 20150724

Priority

CN 201410370723 A 20140730

Abstract (en)

The present invention relates to an operation apparatus for a cooktop, and a cooktop. The operation apparatus has at least two gears, and includes a panel, a rotation shaft, a knob, and a light emitting component. The operation apparatus further includes a light guide component connected to the rotation shaft and rotating under the drive of the rotation shaft when the rotation shaft rotates, and the light guide component is located between the light emitting component and the panel. The light guide component includes a light incident surface facing the light emitting component and a light exit surface facing the panel, and light of the light emitting component enters the light guide component through the light incident surface and is emitted to the panel from the light exit surface. One of the light exit surface and the panel has at least two light-transmissive gear marks, and the other of the light exit surface and the panel has a light-transmissive area. When the knob is rotated to one of the gears of the operation apparatus, the panel merely displays one lightened gear mark.

IPC 8 full level

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CPC (source: EP)

F24C 3/124 (2013.01); **F24C 3/126** (2013.01); **F24C 7/083** (2013.01); **G05G 1/105** (2013.01)

Citation (search report)

- [X] EP 2263047 A2 20101222 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 2006219156 A1 20061005 - DENTON DOUGLAS [SE]
- [A] US 2012090970 A1 20120419 - YOSHIDA YUUSUKE [JP], et al
- [A] FR 2593618 A1 19870731 - GAGGENAU WERKE [DE]
- [A] US 2006227528 A1 20061012 - NAKAMOTO HIROSHI [JP], et al

Cited by

JP2019032098A

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

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