

Title (en)

ROTARY CONTROL ELEMENT FOR A DOMESTIC APPLIANCE

Title (de)

DREHBARES STEUERELEMENT FÜR EIN HAUSHALTSGERÄT

Title (fr)

ÉLÉMENT DE COMMANDE ROTATIF POUR APPAREIL ÉLECTROMÉNAGER

Publication

**EP 4111099 A4 20240131 (EN)**

Application

**EP 19944926 A 20190914**

Priority

TR 2019050761 W 20190914

Abstract (en)

[origin: WO2021050015A1] The present invention relates to a rotary control element for a domestic appliance, in particular an oven comprising an inner ring (10) and a radially distant outer ring (20) rotatable with regard to each other, and a mechanical switch turned on or off to selectively conduct electric signals when triggered by the rotary motion between the inner ring (10) and outer ring (20) at a preset angle. The control element further comprises an inner chamber (1 ) confined between an empty radial inner wall (12) of the inner ring (10) and an outer periphery (22) of the outer ring (20) facing the inner wall (12) in which a plurality of mechanical switch elements (40) are disposed in a radially adjacent manner.

IPC 8 full level

**H01H 19/62** (2006.01); **F24C 7/08** (2006.01); **H01H 19/11** (2006.01)

CPC (source: EP)

**H01H 19/62** (2013.01); **F24C 7/085** (2013.01); **H01H 19/11** (2013.01)

Citation (search report)

- [XYI] US 6143994 A 20001107 - THIVILIER FRANCK [ES]
- [YA] WO 2005122203 A1 20051222 - ROBERTSHAW CONTROLS CO [US], et al
- See references of WO 2021050015A1

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

DOCDB simple family (publication)

**WO 2021050015 A1 20210318**; EP 4111099 A1 20230104; EP 4111099 A4 20240131

DOCDB simple family (application)

**TR 2019050761 W 20190914**; EP 19944926 A 20190914