Title (en)

ELECTRONIC APPLIANCE WITH INDUCTIVE SENSOR

Title (de)

ELEKTRONISCHES GERÄT MIT INDUKTIVEM SENSOR

Title (fr)

APPAREIL ÉLECTRONIQUE ÉQUIPÉ D'UN CAPTEUR INDUCTIF

Publication

EP 3728988 A1 20201028 (DE)

Application

EP 18830798 A 20181219

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- EP 2018085929 W 20181219

Abstract (en)

[origin: WO2019121974A1] The invention relates to an electronic appliance comprising a housing and an actuating element that can be moved in relation to the housing, in which the actuating element comprises at least one metal component, the appliance comprises an inductive sensor for detecting a position and/or movement of the actuating element, and the inductive sensor comprises: a first measuring resonant circuit comprising a sensor coil, and a vibration generator which is designed to generate excitation vibration and to apply the excitation vibration to the first measuring resonant circuitat least intermittently.

IPC 8 full level

G01B 7/00 (2006.01); **G01B 7/06** (2006.01); **G01D 5/14** (2006.01); **G01D 5/20** (2006.01); **H03K 17/95** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2019121974A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

DE 102018211025 A1 20190627; DE 102018211029 A1 20190627; DE 202018006650 U1 20211021; EP 3728987 A1 20201028; EP 3728988 A1 20201028; US 2021164766 A1 20210603; WO 2019121974 A1 20190627; WO 2019121988 A1 20190627

DOCDB simple family (application)

DE 102018211025 A 20180704; DE 102018211029 A 20180704; DE 202018006650 U 20180704; EP 18830466 A 20181219; EP 18830798 A 20181219; EP 2018085929 W 20181219; EP 2018085954 W 20181219; US 201816772876 A 20181219