

Title (en)  
CAPACITIVE TOUCH SWITCH

Title (de)  
KAPAZITIVER BERÜHRUNGSSCHALTER

Title (fr)  
COMMUTATEUR TACTILE CAPACITIF

Publication  
**EP 3369179 A1 20180905 (DE)**

Application  
**EP 15832730 A 20151030**

Priority  
EP 2015002184 W 20151030

Abstract (en)  
[origin: WO2017071725A1] The invention relates to a capacitive touch switch for an operating device of an electronic household appliance, comprising an at least partially translucent cover plate having a user side facing a user, a carrier plate arranged on a side of the cover plate facing away from the user side and at a distance from same, and a light source (34) mounted on the carrier plate (16). The touch switch also has a sensor plate (20) arranged between the cover plate (10) and the carrier plate (16), and an at least partially translucent substrate (22) and a sensor layer (24a, 24b) made of a electrically conductive material. In addition, the sensor layer (24a, 24b) has a sensor region (28) made of the electrically conductive material for forming a sensor electrode, and a symbol region (32) without the electrically conductive material for forming a symbol that can be backlit by the light source (34).

IPC 8 full level  
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CPC (source: EP US)  
**G06F 3/0445** (2019.04 - EP US); **H03K 17/962** (2013.01 - EP US); **H03K 17/9622** (2013.01 - US); **F24C 7/086** (2013.01 - EP US); **H03K 2017/9602** (2013.01 - EP US); **H03K 2217/960755** (2013.01 - EP US); **H03K 2217/960785** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017071725A1

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