

Title (en)

ILLUMINATED, WATER- AND DUST-PROOF SWITCHING ELEMENT

Title (de)

BELEUCHTETES, WASSER- UND STAUBDICHTES SCHALTELEMENT

Title (fr)

ÉLÉMENT DE COMMUTATION À ÉCLAIREMENT, ÉTANCHE À L'EAU ET AUX POUSSIÈRES

Publication

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Application

EP 12783858 A 20121011

Priority

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- DE 2012000991 W 20121011

Abstract (en)

[origin: WO2013067984A1] Illuminated water- and dust-proof switching element for converting a linear movement of a key into an electrical switching signal, having a housing and a cap that is axially displaceable within the housing about a stroke path between two end bearings and which is provided with a protective membrane for sealing off to the outside that is formed from a flexible plastic material via multicomponent injection molding, wherein the switching element includes inside its housing (9) at least four contacts (8), of which at least two contacts (8) have identical contours and which follow a rearrangement of their linear arrangement in the region of the plug to a square arrangement in the interior, a pressure compensation element (7), a circuit board (6) on which at least one push button and at least two lighting elements are arranged, a restoring element in the form of a silicon pad (5), a guide (4), an end stop (3), a cap (2) with integrally molded protective membrane (12) and a frame (10).

IPC 8 full level

H01H 9/04 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013067984A1

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