

Title (en)

GROUP OF MOMENTARY-CONTACT SWITCHES AS CONTROL PANEL WHICH CAN BE ILLUMINATED IN MOTOR VEHICLES

Title (de)

TASTSCHALTERGRUPPE ALS BELEUCHTBARES BEDIENFELD IN KRAFTFAHRZEUGEN

Title (fr)

GROUPE DE BOUTONS-POUSOIRS UTILISÉ COMME PANNEAU DE COMMANDE ÉCLAIRABLE DANS DES VÉHICULES À MOTEUR

Publication

**EP 2462604 A1 20120613 (DE)**

Application

**EP 10732877 A 20100712**

Priority

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- EP 2010004237 W 20100712

Abstract (en)

[origin: WO2011015272A1] The invention proposes a group of momentary-contact switches which provides a control panel which can be illuminated and manages with only a few light sources, without any separate fibre optic conductor structures being required. The group of momentary-contact switches has a frame, which is covered by a transparent film and has cutouts, in which actuating elements are accommodated movably. The actuating elements are configured with light-conducting and light-coupling structures. A common light source is or only a few common light sources are coupled optically to the light-coupling structures of the actuating elements, which themselves are optically coupled to one another by adjacent light-coupling structures. The light-conducting structures guide the light coupled into the actuating elements to the actuation surface adjoining the film. The actuating elements can be provided with symbols on that actuating surface of said actuating elements which adjoins the film, said symbols being visible through the film. Preferably, however, it is the film itself which is provided with symbols and/or writing associated with the actuating elements arranged behind said film. These symbols are then illuminated by the actuating elements.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2011015272A1

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