

Title (en)
ACTUATING DEVICE FOR VEHICLES

Title (de)
BETÄTIGUNGSVORRICHTUNG FÜR FAHRZEUGE

Title (fr)
DISPOSITIF D'ACTIONNEMENT POUR VÉHICULES

Publication
EP 3956535 A1 20220223 (DE)

Application
EP 20714152 A 20200318

Priority
• DE 102019119467 A 20190718
• EP 2020057446 W 20200318

Abstract (en)
[origin: WO2021008740A1] An actuating device for a vehicle, having a circuit board (4; 14; 24) on which a force-actuated switching element (5a, 5b; 16; 26a, 26b) is arranged. The circuit board (4; 14; 24) is mounted in a receptacle (1; 11; 20), and a flexible protective cover (7) is arranged adjacent to the force-actuated switching element (5a, 5b; 16; 26a, 26b), through which flexible protective cover (7) the switching element (5a; 5b; 16; 26a, 26b) can be actuated with deformation of the protective cover (7). The receptacle (1; 11; 20) has a first section (3; 23) with a first elasticity, which first section (3; 23) is coupled to a further section (2; 15) with a second, lower elasticity. The circuit board (4; 14; 24) is held in the first section (3; 23) in a rest position and, in the event of an action of force on the switching element (5a, 5b; 16; 26a, 26b), deflects in the direction of the action of force with deformation of the first section (3; 23). The resetting force, acting on the circuit board (4; 14; 24), of the first section (3; 23) relative to the further section is, in the case of deflections out of the rest position of the circuit board, lower than a maximum admissible actuating force of the switching element.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2021008740A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 102019119467 A1 20210121; CN 114174622 A 20220311; EP 3956535 A1 20220223; WO 2021008740 A1 20210121

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