

Title (en)
KEY MODULE

Title (de)
TASTENMODUL

Title (fr)
MODULE DE TOUCHE

Publication
EP 3794623 A1 20210324 (DE)

Application
EP 19724194 A 20190514

Priority
• DE 102018111707 A 20180516
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Abstract (en)
[origin: WO2019219643A1] The invention presents a key module (100) which has an operating element (105) which comprises a driver lug (135), wherein the operating element (105) is mounted in a housing element (130, 110) such that it can move along a movement axis (200). The key module (100) further comprises a contact maker unit (115) with a contact lug (140) which can move in the direction of the movement axis (200) and transversely in relation to the direction of the movement axis (200). The key module (100) also comprises a contact element (120) which is designed and arranged for electrical contact connection to the contact lug (140). Finally, the key module (100) comprises the housing element (130, 110) for accommodating the contact element (120), the contact maker unit (115) and the operating element (105), wherein the operating element (105) and/or the driver lug (135) have/has at least one structural element (400) which is designed in order to deflect the contact lug (140) out of an inoperative position adjacent to the contact element (120) in the direction along and/or transversely in relation to the movement axis (200) in the event of a defined movement of the operating element (105), and then to suddenly release it, so that the movable contact lug (140) returns to the inoperative condition, strikes the contact element (120) and/or strikes the housing element (130, 110), wherein electrical contact with the contact element (120) and an acoustic noise are produced.

IPC 8 full level
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Citation (search report)
See references of WO 2019219643A1

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