

Title (en)  
OPERATING DEVICE FOR MANUALLY ACTUATING LIFTING DEVICES

Title (de)  
BEDIENUNGSGERÄT FÜR DIE HANDBETÄTIGUNG VON HEBEZEUGEN

Title (fr)  
APPAREIL DE COMMANDE POUR LA MANIPULATION D'ENGINS DE LEVAGE

Publication  
**EP 2353171 B1 20150107 (DE)**

Application  
**EP 09752166 A 20091109**

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Abstract (en)  
[origin: WO2010057805A1] The invention relates to an operating device (1) for manually actuating lifting devices, comprising at least one switching element (2) arranged in a switch housing (3), wherein the switching element (2) comprises a tappet (11), which protrudes from the switch housing (3), is guided in a sleeve (19), and is covered by a covering element (4) having a threaded ring (17), wherein the sleeve (19) protrudes outside through an opening (18) in the switch housing (3), the sleeve (19) is held in the switch housing (3) through a threaded joint, and the covering element (4) is screwed to the sleeve (19) in a detachable manner through the threaded ring (17) of the covering element. The invention further relates to a tool for installing a covering element thereof. In order to create an operating device for manually actuating lifting devices, wherein the covering elements of the switching elements are easy to install and replace, it is proposed that the sleeve (19) comprise a collar (19a) that extends outward and is supported on an outer surface (3c) of the switch housing (3) in the installed state, and that the sleeve (19) be held in a detachable manner on the switch housing (3) through a fastening ring (23) that is supported on an inner surface (3c) of the switch housing (3) in the installed state.

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