

Title (en)
OPERATING ATTACHMENT FOR OPERATING A PUSH BUTTON AND/OR SWITCH

Title (de)
BETÄTIGUNGSVORSATZ ZUR BETÄTIGUNG EINES TASTERS UND/ODER SCHALTERS

Title (fr)
AUXILIAIRE D'ACTIONNEMENT DESTINÉ À ACTIONNER UN BOUTON ET/OU UN INTERRUPTEUR

Publication
EP 2806445 B1 20160427 (DE)

Application
EP 14169303 A 20140521

Priority
DE 102013105165 A 20130521

Abstract (en)
[origin: US2014345339A1] An operating attachment (10) for operating a push button or switch, which includes a housing, (12) a handling part (11) having an actuator element (19) supported by said housing (12) for rotation in a direction of rotation (U), an operating element (26) displaceable parallel to a longitudinal axis (L) of the housing for operating a push button or switch, an operating drive (37) for transferring rotary movement of the actuator element (19) into a linear motion of the operating element (26) between an initial position (A) and an operating position (B), and a latching device (42) for latching the actuator element (19) in a latched position (R). The attachment apparatus (10) further includes at least one encoding element (48) moveable between a first encoding position (K1) that allows for rotation of the actuator (11) into the latched position (R) and a second encoding position (K2) which limits rotation of the actuator element (19) prior to reaching the latched position (R). The illustrated encoding element (48) further is moveable to a third encoding position (K3).

IPC 8 full level
H01H 11/00 (2006.01); **H01H 19/03** (2006.01); **H01H 19/635** (2006.01); **H01H 27/06** (2006.01)

CPC (source: BR EP US)
E05B 15/00 (2013.01 - US); **H01H 11/0006** (2013.01 - BR); **H01H 11/0018** (2013.01 - EP US); **H01H 19/03** (2013.01 - BR EP US); **H01H 19/6355** (2013.01 - EP US); **H01H 27/06** (2013.01 - EP US); **H01H 2011/0043** (2013.01 - EP US); **Y10T 70/7486** (2015.04 - EP US)

Citation (examination)
EP 2019400 A1 20090128 - EUROTEC ENGINEERING LTD [GB]

Cited by
CN105702508A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2806445 A1 20141126; **EP 2806445 B1 20160427**; AU 2014202700 A1 20141211; AU 2014202700 B2 20170817; BR 102014012178 A2 20150113; CN 104183410 A 20141203; CN 104183410 B 20180130; DE 102013105165 A1 20141127; DE 102013105165 B4 20150528; US 2014345339 A1 20141127; US 9528293 B2 20161227

DOCDB simple family (application)
EP 14169303 A 20140521; AU 2014202700 A 20140519; BR 102014012178 A 20140520; CN 201410212239 A 20140520; DE 102013105165 A 20130521; US 201414283368 A 20140521