

Title (en)

INPUT DEVICE FOR INPUTTING A CONTROL COMMAND AND OPERATING DEVICE HAVING SUCH AN INPUT DEVICE

Title (de)

EINGABEVORRICHTUNG ZUM EINGEBEN EINES STEUERBEFEHLS UND BEDIENGERÄT MIT EINER DERARTIGEN EINGABEVORRICHTUNG

Title (fr)

DISPOSITIF D'ENTRÉE POUR ENTRER UNE INSTRUCTION DE COMMANDE ET APPAREIL DE COMMANDE ÉQUIPÉ D'UN DISPOSITIF D'ENTRÉE DE CE GENRE

Publication

EP 3510466 A1 20190717 (DE)

Application

EP 17752096 A 20170808

Priority

- DE 102016117022 A 20160909
- EP 2017070092 W 20170808

Abstract (en)

[origin: WO2018046214A1] The invention relates to an input device (20) for inputting a control command for an operating device (10), comprising a button top (58), which is manually displaceable along a longitudinal axis (64), and movable signal generator, which is coupled by means of a coupling mechanism to the button top, wherein the input device (20) has at least one latching element (102, 104) having a latching head (106), with which at least one latching recess (110, 112, 114) is associated, into which the latching head (106) penetrates when the button top (58) has reached a predetermined raised position. According to the invention, in order to modify the input device (20) in such a way that the input device has a longer service life, a groove (116), which is oriented parallel to the longitudinal axis (64) and into which the latching head (106) of the latching element (102, 104) permanently penetrates, is associated with the at least one latching element (102, 104), wherein the at least one latching recess (110, 112, 114) associated with the latching element (102, 104) is arranged in the groove (116). The invention further relates to an operating device (10) having such an input device (20).

IPC 8 full level

G05G 1/02 (2006.01); **G05G 5/06** (2006.01)

CPC (source: EP US)

G05G 1/02 (2013.01 - EP US); **G05G 1/10** (2013.01 - US); **G05G 5/065** (2013.01 - EP US); **G05G 13/00** (2013.01 - US); **G05G 2505/00** (2013.01 - US)

Citation (search report)

See references of WO 2018046214A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018046214 A1 20180315; AU 2017324051 A1 20190328; AU 2017324051 B2 20200723; CA 3036145 A1 20180315; DE 102016117022 A1 20180315; EP 3510466 A1 20190717; US 10712765 B2 20200714; US 2019258285 A1 20190822

DOCDB simple family (application)

EP 2017070092 W 20170808; AU 2017324051 A 20170808; CA 3036145 A 20170808; DE 102016117022 A 20160909; EP 17752096 A 20170808; US 201916288431 A 20190228