

Title (en)

DEVICE WITH AN OPERATOR CONTROL ELEMENT WHICH IS ASSOCIATED WITH A HANDLE

Title (de)

GERÄT MIT EINM EINEM HANDGRIFF ZUGEORDNETEN BEDIENELEMENT

Title (fr)

APPAREIL POURVU D'UN ÉLÉMENT DE COMMANDE ASSOCIÉ À UNE POIGNÉE

Publication

EP 3149714 A1 20170405 (DE)

Application

EP 15725277 A 20150519

Priority

- DE 102014008159 A 20140530
- EP 2015060948 W 20150519

Abstract (en)

[origin: CA2950202A1] The present invention relates to devices in which an operator control element is associated with a handle, wherein the operator control element is arranged in such a way that when an index finger and/or middle finger and/or ring finger and/or little finger of a hand wrap/wraps around the handle, the thumb of said hand can be placed on the operator control element. In order for the operator control element to be able to be used in a manner which is suitable for the left hand and the right hand equally, the handle is designed such that its position can be varied in such a way that the handle can be moved to at least two different operating positions relative to the operator control element. In this case, one of the operating positions is situated relative to the operator control element such that the right hand can grasp the handle and the thumb of the right hand can be placed on the operator control element, and the other operating position is situated such that the left hand can grasp the handle and the thumb of the left hand can be placed on the operator control element. In this case, the handle is designed in the form of a rod for the purpose of relatively easy handling.

IPC 8 full level

G07F 17/32 (2006.01)

CPC (source: CN EP US)

G07F 17/3206 (2013.01 - EP US); **G07F 17/3209** (2013.01 - CN EP US); **G07F 17/3213** (2013.01 - EP US); **G07F 17/3244** (2013.01 - EP US)

Citation (search report)

See references of WO 2015180998A1

Citation (examination)

- US 2002102946 A1 20020801 - SANGIOVANNI JOHN [US]
- US 2012044147 A1 20120223 - ROKA PUJAN K [US]
- DE 3802802 A1 19880825 - VOLKSWAGEN AG [DE]
- WO 02061673 A1 20020808 - ZYGNOPH APS [DK], et al

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)

DE 102014008159 A1 20151203; AU 2015266224 A1 20161208; CA 2950202 A1 20151203; CN 106463023 A 20170222;
EP 3149714 A1 20170405; US 2017084107 A1 20170323; WO 2015180998 A1 20151203

DOCDB simple family (application)

DE 102014008159 A 20140530; AU 2015266224 A 20150519; CA 2950202 A 20150519; CN 201580028474 A 20150519;
EP 15725277 A 20150519; EP 2015060948 W 20150519; US 201615363155 A 20161129