

Title (en)
EMERGENCY STOP DEVICE

Title (de)
NOTHALTEVORRICHTUNG

Title (fr)
DISPOSITIF D'ARRÊT D'URGENCE

Publication
EP 3399532 B1 20190724 (FR)

Application
EP 18166986 A 20180412

Priority
FR 1753832 A 20170502

Abstract (en)
[origin: US2018323018A1] An emergency stop device including a control button, an actuation assembly which includes an actuation plunger that cooperates with the control button and an actuation spring mounted between the body of the device and the actuation plunger, a trip plunger designed to cooperate with at least one electrical contact unit and one trip spring mounted between the actuation plunger and the trip plunger and arranged to actuate the trip plunger when the control button is actuated from its rest position to its actuated position, a latching member mounted on the trip plunger, an unlocking assembly including an unlocking ring that is arranged to cooperate with the control button to return it from its released actuated position to the rest position, the unlocking assembly including an unlocking spring mounted between the control button and the body, and arranged to actuate the control button towards its rest position.

IPC 8 full level
H01H 3/02 (2006.01)

CPC (source: CN EP US)
G05G 1/015 (2013.01 - US); **G05G 1/025** (2013.01 - US); **G05G 5/04** (2013.01 - US); **G05G 5/05** (2013.01 - US);
H01H 3/022 (2013.01 - CN EP US); **H01H 9/16** (2013.01 - EP US); **H01H 25/065** (2013.01 - CN US); **H01H 2003/0246** (2013.01 - CN EP US);
H01H 2219/036 (2013.01 - EP US); **H01H 2219/0622** (2013.01 - EP US); **H01H 2235/004** (2013.01 - EP US)

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 3399532 A1 20181107; **EP 3399532 B1 20190724**; CN 108807023 A 20181113; CN 108807023 B 20220527; ES 2747832 T3 20200311;
FR 3066042 A1 20181109; US 10475597 B2 20191112; US 2018323018 A1 20181108

DOCDB simple family (application)
EP 18166986 A 20180412; CN 201810409531 A 20180502; ES 18166986 T 20180412; FR 1753832 A 20170502; US 201815957978 A 20180420