

Title (en)

CONTROL DEVICE FOR CONTROLLING THE OPERATION OF A USER, HAVING AN INTRINSIC SAFETY

Title (de)

EIGENSICHERE STEUERUNGSVORRICHTUNG ZUR STEUERUNG DER BETRIEBUNG EINES BENUTZERS

Title (fr)

DISPOSITIF DE COMMANDE DU FONCTIONNEMENT D'UN UTILISATEUR, DOTÉ D'UNE SÉCURITÉ INTRINSÈQUE

Publication

EP 3716303 A1 20200930 (EN)

Application

EP 20159345 A 20200225

Priority

IT 201900004289 A 20190325

Abstract (en)

A control device (1) for controlling the operation of a mechanic, electric, pneumatic, hydraulic/oleodynamic, or similar user comprising a basic body (2) in the middle of which a rotating shaft (10) torsionally coupled with a rotating knob (19) which rotates on said basic body (2) is installed, such shaft (10) being functionally connected to electric connectors suitable for supplying electric power to said user when the knob (19) is in a first operating position on said body and for interrupting said supplying of electric power when the knob is in a second operating position on said body. The knob (19) supports a selector member (40) for selecting the movement of the knob (19) on said basic body (2), said selector member (40) being torsionally integral with the knob (19), but rather being movable orthogonally to it, said selector member (40) comprising interception means (42) suitable for cooperating with counter-interception means (35) provided in said basic body (2), the cooperation between such interception means and counter-interception means (42, 35) preventing the rotation of the knob (19) placed on said basic body (2), the separation of such interception means and counter-interception means (42, 35) making it possible the knob (19) to rotate from the first operating position towards the second operating position and vice-versa.

IPC 8 full level

H01H 3/20 (2006.01); **H01H 3/08** (2006.01); **H01H 9/28** (2006.01); **H01H 19/36** (2006.01)

CPC (source: BR CN EP)

H01H 3/08 (2013.01 - EP); **H01H 3/20** (2013.01 - EP); **H01H 9/286** (2013.01 - EP); **H01H 19/14** (2013.01 - CN); **H01H 19/36** (2013.01 - EP); **H01H 71/50** (2013.01 - BR); **H01H 3/20** (2013.01 - BR); **H01H 9/28** (2013.01 - BR)

Citation (applicant)

- DE 19939717 A1 20010222 - MOELLER GMBH [DE]
- DE 20009737 U1 20000803 - MOELLER GMBH [DE]

Citation (search report)

- [A] DE 19939717 A1 20010222 - MOELLER GMBH [DE]
- [A] DE 20009737 U1 20000803 - MOELLER GMBH [DE]

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)

EP 3716303 A1 20200930; **EP 3716303 B1 20220202**; BR 102020006025 A2 20201027; CN 111739755 A 20201002; ES 2909375 T3 20220506; IT 201900004289 A1 20200925; RU 2020111944 A 20210924

DOCDB simple family (application)

EP 20159345 A 20200225; BR 102020006025 A 20200325; CN 202010207639 A 20200323; ES 20159345 T 20200225; IT 201900004289 A 20190325; RU 2020111944 A 20200324