

Title (en)
OPTICAL SIGNALLING DEVICE

Title (de)
OPTISCHES SIGNALGERÄT

Title (fr)
APPAREIL DE SIGNALISATION OPTIQUE

Publication
EP 3007517 B1 20210818 (DE)

Application
EP 15170400 A 20150603

Priority
DE 102014114111 A 20140929

Abstract (en)

[origin: US2016091187A1] The invention proposes an optical signaling device, in particular a signaling lamp or a modular signaling column (1) or the like, having at least one luminous unit (2) comprising at least one luminous element (20) for optically indicating one or more different operating states of a technical device such as a machine, an installation or the like, at least one electrical and/or electronic connection unit (27) being provided for the purpose of connecting or making contact with at least the technical device, at least one electrical and/or electronic linking unit (12) being provided between the connection unit (27) and the luminous unit (2) for the purpose of electrically and/or electronically linking the connection unit (27) to the luminous unit (2), thus implementing additional technical possibilities or functionalities. This is achieved according to the invention by virtue of the fact that the linking unit (12) has at least one electrical and/or electronic switching element (21, 22) for establishing and/or disconnecting the electrical and/or electronic link between the luminous unit (2) and the connection unit (27), the electrical and/or electronic switching element (21, 22) also being in the form of an actuator switch (21, 22) for switching at least one actuating element (28) of a first actuator (8) of the technical device and/or a second actuator (8) which is separate from the technical device.

IPC 8 full level
H05B 44/00 (2022.01); **H05B 47/19** (2020.01)

CPC (source: CN EP US)
F21S 8/08 (2013.01 - CN); **F21V 23/04** (2013.01 - CN US); **F21V 23/06** (2013.01 - CN); **F21V 33/0092** (2013.01 - US);
G08B 5/36 (2013.01 - CN EP US); **H01H 50/16** (2013.01 - US); **H05B 47/19** (2020.01 - EP US); **F21S 2/00** (2013.01 - EP US);
F21W 2111/00 (2013.01 - EP US); **H05B 45/20** (2020.01 - EP US)

Cited by
EP3842878A1; DE202019005766U1

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 3007517 A1 20160413; EP 3007517 B1 20210818; CN 105465703 A 20160406; CN 105465703 B 20220304;
DE 102014114111 A1 20160331; JP 2016071891 A 20160509; JP 6879658 B2 20210602; US 2016091187 A1 20160331;
US 9945546 B2 20180417

DOCDB simple family (application)

EP 15170400 A 20150603; CN 201510589992 A 20150916; DE 102014114111 A 20140929; JP 2015189860 A 20150928;
US 201514856528 A 20150916