

Title (en)
INDICATOR DEVICE FOR MACHINES AND/OR PLANTS

Title (de)
INDIKATORVORRICHTUNG FÜR MASCHINEN UND/ODER ANLAGEN

Title (fr)
DISPOSITIF INDICATEUR POUR MACHINES ET/OU INSTALLATIONS

Publication
EP 2987204 B1 20170913 (EN)

Application
EP 15724024 A 20150407

Priority

- IT VI20140095 A 20140407
- IB 2015052496 W 20150407

Abstract (en)
[origin: WO2015155675A1] An indicator device adapted to be connected to a pair of terminals (E) of an electric system (I) and comprising a casing (2) adapted to be connected to a panel (P) of a machine and/or a push-button box and defining a longitudinal axis (L), an electronic board (3) held within the casing (2), and having an electronic circuit (7) and a bottom face (5) with a pair of conductive pads (8) formed thereon, at least one light source (9) installed on the board (3) and having a pair of contacts (10) electrically connected to the pair of pads (8), connection means (13) for electrically connecting the pads (8) directly with the terminals (E) of the system (I). The casing (2) is made of a first insulating base material and the board (3) is made of a second insulating base material having a maximum compression strength (Cmax) of predetermined value. The casing (2) comprises a body (14) which is adapted to be secured to the panel (P) and a bottom member (15) with a pair of seats (16) for the connection means (13), the latter comprising pressure elements (17), which are designed to apply a stress (S) on the pads (8), which is lower than the maximum compression strength (Cmax) of the base material of the electronic board 3.

IPC 8 full level
F21V 23/06 (2006.01); **F21W 131/403** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: CN EP US)
F21V 23/06 (2013.01 - EP US); **G08B 5/36** (2013.01 - CN); **H01R 4/34** (2013.01 - EP); **F21W 2131/403** (2013.01 - EP); **F21Y 2115/10** (2016.08 - EP US); **H01R 4/4821** (2023.08 - CN EP US); **H01R 4/4833** (2023.08 - CN EP US); **H01R 4/485** (2023.08 - CN EP US); **H01R 12/515** (2013.01 - EP); **H01R 13/7175** (2013.01 - EP); **H01R 13/746** (2013.01 - EP)

Citation (examination)
CN 102322592 B 20130306 - JIANGSU SHUANGKE ELECTRICAL CO LTD

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)
WO 2015155675 A1 20151015; CN 105408943 A 20160316; CN 105408943 B 20190219; EP 2987204 A1 20160224; EP 2987204 B1 20170913

DOCDB simple family (application)
IB 2015052496 W 20150407; CN 201580001033 A 20150407; EP 15724024 A 20150407