

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)

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CN 102322592 B 20130306 - JIANGSU SHUANGKE ELECTRICAL CO LTD

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