

Title (en)

Device for monitoring the closed state of two relatively moving parts

Title (de)

Einrichtung zum Überwachen des geschlossenen Zustands von zwei relativ zueinander beweglichen Teilen

Title (fr)

Appareil pour détecter l'état fermé de deux parties déplaçables relativement

Publication

EP 1710819 A3 20071114 (DE)

Application

EP 06006928 A 20060331

Priority

DE 102005015794 A 20050406

Abstract (en)

[origin: EP1710819A2] The device includes a sensor housing for storing a logic sensor, and a trigger housing (17) for storing a trigger (16). The sensor housing or trigger housing is mounted on a base plate (4) which is mounted on a respective mobile unit (1,2). The base plate is formed with rotatable inserts (5) formed with elongated holes (7), and to which the sensor housing or trigger housing are engaged when in closed condition. The sensor housing and trigger housing can be tilted to open or close with respect to the inserts with elongated holes.

IPC 8 full level

H01H 9/02 (2006.01); **H01H 27/00** (2006.01); **H03K 17/95** (2006.01)

CPC (source: EP)

H01H 9/0207 (2013.01)

Citation (search report)

- [A] DE 3605067 C1 19870709 - SCHMERSAL K A GMBH & CO
- [A] US 4916265 A 19900410 - LUALLEN RICHARD L [US]
- [A] DE 29822912 U1 20000511 - MOELLER GMBH [DE]
- [A] EP 1063773 A2 20001227 - SCHMERSAL K A GMBH & CO [DE]

Cited by

IT202000025354A1; EP2362402A1; ITVI20100055A1; WO2022090887A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1710819 A2 20061011; EP 1710819 A3 20071114; EP 1710819 B1 20101117; DE 102005015794 A1 20061012;
DE 102005015794 B4 20070503; DE 502006008309 D1 20101230

DOCDB simple family (application)

EP 06006928 A 20060331; DE 102005015794 A 20050406; DE 502006008309 T 20060331