

Title (en)
Fuse with light indication

Title (de)
Sicherung mit optischer Anzeige

Title (fr)
Fusible à voyant

Publication
EP 1921649 A1 20080514 (EN)

Application
EP 06023206 A 20061108

Priority
EP 06023206 A 20061108

Abstract (en)
The present invention discloses a safety power disconnection terminal apparatus with light indication that includes: a housing (5), having two inspecting openings (51) and a light transmitting portion (53) at the top of the housing and an opening at the bottom of the housing; a terminal pin (6) installed in the housing through the openings and composed of two parallel conducting plates (61) and a fuse (62) connected between the two conducting plates and a terminal portion (63) disposed at an upper end of the two conducting plates and extended into the two inspecting openings, and a L-shape stand (64) disposed proximate to an internal side of an upper end of the two conducting plates and having a free end extended upward; a light emitting device (7), installed in the light transmitting portion (53), and having two electrodes in contact with the two L-shape stands (64) respectively to achieve the effects of expediting the installation and lowering the manufacturing cost.

IPC 8 full level
H01H 85/32 (2006.01)

CPC (source: EP)
H01H 85/32 (2013.01); **H01H 85/0417** (2013.01); **H01H 2085/0414** (2013.01)

Citation (search report)
• [Y] US 5598138 A 19970128 - JARONCZYK JR JOSEPH P [US]
• [Y] US 4499447 A 19850212 - GREENBERG M BARRY [US]
• [Y] US 2004000983 A1 20040101 - KENNEDY JOHN [US], et al
• [A] JP H01155636 U 19891025

Citation (third parties)
Third party :
• US 7339486 B2 20080304 - HUANG JUNG-SHENG [TW]
• TW M289229 U 20060401 - LIN BO-WU [TW]

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 RS

DOCDB simple family (publication)
EP 1921649 A1 20080514

DOCDB simple family (application)
EP 06023206 A 20061108