

Title (en)
Casing of insulating material for electrical terminals

Title (de)
Isolierstoffgehäuse für elektrische Klemmen.

Title (fr)
Boîtier d'isolation pour bornes électrique

Publication
EP 1850417 A3 20090617 (DE)

Application
EP 07004974 A 20070310

Priority
DE 102006019223 A 20060421

Abstract (en)
[origin: EP1850417A2] The casing has a cover unit (12) in the form of a conductor lead unit and interposed in housing opened in front side, which is made up of a transparent insulating material. The conductor lead unit is manufactured from a non-transparent insulating material. The conductor lead unit discloses an open frame structure with open wall-free frame fields (21) in the region of its conductor lead channels. An insulation cover of the electrical conductor can be interposed in the frame structure.

IPC 8 full level
H01R 4/50 (2006.01)

CPC (source: EP KR)
H01R 4/48 (2013.01 - KR); **H01R 4/484** (2023.08 - EP KR); **H01R 9/2416** (2013.01 - EP); **H01R 11/22** (2013.01 - KR);
H01R 13/506 (2013.01 - EP); **H01R 4/22** (2013.01 - EP); **H01R 4/4821** (2023.08 - EP KR); **H01R 4/485** (2023.08 - EP KR)

Citation (search report)
• [A] WO 03077368 A2 20030918 - IDEAL IND [US]
• [A] EP 0037758 A1 19811014 - LEGRAND SA [FR]

Cited by
EP3404771B1; USD987572S; US11764494B2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1850417 A2 20071031; EP 1850417 A3 20090617; EP 1850417 B1 20110427; AT E507595 T1 20110515; CN 101079524 A 20071128;
CN 101079524 B 20111026; DE 102006019223 A1 20071108; DE 102006019223 B4 20101104; DE 502007007039 D1 20110609;
JP 2007294468 A 20071108; JP 4461444 B2 20100512; KR 100896839 B1 20090512; KR 20070104221 A 20071025; PL 1850417 T3 20110930;
PT 1850417 E 20110711; RU 2007114986 A 20081027; RU 2363078 C2 20090727; TW 200814098 A 20080316; TW I335601 B 20110101

DOCDB simple family (application)
EP 07004974 A 20070310; AT 07004974 T 20070310; CN 200710103538 A 20070420; DE 102006019223 A 20060421;
DE 502007007039 T 20070310; JP 2007134745 A 20070420; KR 20070033160 A 20070404; PL 07004974 T 20070310;
PT 07004974 T 20070310; RU 2007114986 A 20070420; TW 96108877 A 20070315