

Title (en)
Electrical terminal box

Title (de)
Elektrische Anschluss- und Verbindungsdose

Title (fr)
Boîte de jonctions électriques

Publication
EP 1727240 A1 20061129 (DE)

Application
EP 06010046 A 20060516

Priority
DE 102005024644 A 20050525

Abstract (en)
The box has a housing (1) with a clip (2) for connecting electrical conductors (3). A force is exerted on a predetermined position of the clip, and a recess is provided in the housing. The recess is designed and arranged such that the clip reaches its position in the recess by using a screwdriver (5) when it is in opened condition. The clip is opened by rotation of the screwdriver that is arranged perpendicular to a base.

IPC 8 full level
H01R 9/24 (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP US)
H01R 4/4842 (2023.08 - EP US); **H01R 9/24** (2013.01 - EP); **H01R 4/4816** (2023.08 - EP US)

Citation (applicant)
• WO 9825325 A1 19980611 - ATLANTIS SOLAR SYSTEME AG [CH], et al
• EP 1501157 A2 20050126 - TYCO ELECTRONICS AMP GMBH [DE]
• US 2005022859 A1 20050203 - NASS ANDREAS [DE], et al
• DE 20311184 U1 20040219 - TYCO ELECTRONICS AMP GMBH [DE]
• DE 9422155 U1 19980806 - SIEMENS AG [DE]
• GB 2260862 A 19930428 - BOSCH GMBH ROBERT [DE]
• FR 2820888 A1 20020816 - ORIENTATION PRODUCTION [FR]

Citation (search report)
• [A] WO 9825325 A1 19980611 - ATLANTIS SOLAR SYSTEME AG [CH], et al
• [A] EP 1501157 A2 20050126 - TYCO ELECTRONICS AMP GMBH [DE]
• [A] US 2005022859 A1 20050203 - NASS ANDREAS [DE], et al
• [A] DE 20311184 U1 20040219 - TYCO ELECTRONICS AMP GMBH [DE]
• [A] DE 9422155 U1 19980806 - SIEMENS AG [DE]

Cited by
CN102299497A

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 1727240 A1 20061129; EP 1727240 B1 20110713; AT E516614 T1 20110715; DE 102005024644 A1 20061130; DK 1727240 T3 20111017; ES 2367653 T3 20111107; PL 1727240 T3 20111230; PT 1727240 E 20110909

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