

Title (en)
Electrical apparatus with automatic connection terminal

Title (de)
Elektrische Vorrichtung mit automatischer Anschlussklemme

Title (fr)
Appareil électrique comportant une borne à connexion automatique

Publication
EP 1622224 A1 20060201 (FR)

Application
EP 05291591 A 20050726

Priority
FR 0408465 A 20040730

Abstract (en)
The apparatus has an automatic connection terminal (3) placed in a joint casing (2), and having an elastic strip with an end stop opposite to a base of a rigid cage. The cage has a wall (68) in which a window for passage of an arm of an operating lever (4) is arranged. The lever has a joint trunnion (93) maintained in position around its axis by an outer surface of the wall, a transversal surface (73) and a stop surface of the casing.

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP)
H01R 4/48365 (2023.08)

Citation (applicant)
• DE 19949387 A1 20010531 - ELECTRO TERMINAL GMBH [AT], et al
• EP 0327703 A2 19890816 - BROEKELMANN JAEGER & BUSSE [DE]

Citation (search report)
• [AD] DE 19949387 A1 20010531 - ELECTRO TERMINAL GMBH [AT], et al
• [A] DE 8704494 U1 19870611
• [A] DE 7719374 U1 19770929
• [A] DE 3637316 A1 19880511 - MERTEN GMBH & CO KG GEB [DE]
• [A] EP 1213791 A1 20020612 - HAGER ELECTRO [FR]

Cited by
EP2400595A1; DE102013101406A1; EP3091615A1; DE102013101406B4; DE102015118032A1; WO2014124958A1; EP2280453A1; LU93183B1; CN107278344A; DE102007051900B4; DE102007051900A1; DE102018109545A1; US7988504B2; EP1950837A1; US7815463B2; US9897339B2; CN102394387A; DE102010024809B4; DE102008052626B4; WO2018036886A1; WO2016060889A1; US9735518B1; US10359790B2; US8331870B2; US9686880B1; US9941183B2; US10054326B2; US9774158B2; US9960581B2; DE102013101409A1; CN104995799A; JP2016507144A; CN107069246A; RU2633519C2; RU2740638C2; RU2759944C2; DE102011056410A1; DE102011056410B4; CN107257037A; DE102015118032B4; US9667009B1; US9989273B2; US10024568B1; TWI780818B; WO2014124960A1; US9680237B2; US9735482B1; US11509074B2; US9748708B2; US9768564B2; US10208972B2; US10490955B2; US11149973B2; US11692731B2; WO2013087619A1; DE102008052626A1; DE102010024809A1; US8388387B2; USD843245S; USD867174S; DE202014010783U1; US9466895B2; US9543700B2; US9825402B2; DE202014011234U1; DE102013101409B4; US8794994B2; US9124034B2; USD842713S; US10895883B2; EP2956992B1; EP2956995B1

Designated contracting state (EPC)
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EP 1622224 A1 20060201; EP 1622224 B1 20090610; AT E433608 T1 20090615; DE 602005014831 D1 20090723; ES 2327427 T3 20091029; FR 2873859 A1 20060203; FR 2873859 B1 20061208

DOCDB simple family (application)
EP 05291591 A 20050726; AT 05291591 T 20050726; DE 602005014831 T 20050726; ES 05291591 T 20050726; FR 0408465 A 20040730