

Title (en)
Connector for mutually connecting two electrical cables

Title (de)
Anschluss zum Verbinden von zwei Stromkabeln

Title (fr)
Connecteur pour relier l'un à l'autre deux câbles électriques

Publication
EP 2541684 A1 20130102 (FR)

Application
EP 12173702 A 20120626

Priority
FR 1155780 A 20110628

Abstract (en)
The connector (1) has a tightening element i.e. blind rivet (4), for bringing two jaws (2a, 2b) closer together. Each jaw has a conductive contact element (21) with two active parts (22) projecting from a receiving face of a stiff insulating body (20) so as to penetrate conductive cores (30) of two electrical cables, respectively. The rivet is configured such that a shank of the rivet contracts in an axial direction between cable installation and in-service positions under the action of a mandrel of the rivet, and the mandrel breaks when the jaws are brought closer together by a preset stroke.

Abstract (fr)
Il s'agit d'un connecteur configuré pour prendre une position de mise en place des câbles entre des mâchoires (2a, 2b), pour prendre une position de service où les câbles sont pris en sandwich entre les mâchoires (2a, 2b) et pour passer de la position de mise en place des câbles à la position de service par rapprochement des mâchoires (2a, 2b), avec un organe de serrage qui est un rivet aveugle (4).

IPC 8 full level
H01R 4/24 (2006.01); **H01R 4/44** (2006.01); **H01R 13/514** (2006.01); **H01R 4/06** (2006.01); **H01R 11/07** (2006.01)

CPC (source: EP US)
H01R 4/2408 (2013.01 - EP US); **H01R 4/44** (2013.01 - EP US); **H01R 13/514** (2013.01 - EP US); **H01R 4/06** (2013.01 - EP US); **H01R 11/07** (2013.01 - EP US)

Citation (applicant)
• FR 2762449 A1 19981023 - APP MAT ELECT CONST [FR]
• FR 2760570 A1 19980911 - APP MAT ELECT CONST [FR]

Citation (search report)
• [YD] FR 2760570 A1 19980911 - APP MAT ELECT CONST [FR]
• [Y] FR 2819943 A1 20020726 - VALEO EQUIP ELECTR MOTEUR [FR]
• [Y] US 2005164565 A1 20050728 - FRICCHIONE MARK [US]
• [Y] EP 0586283 A1 19940309 - GAZ DE FRANCE [FR]
• [Y] US 4074608 A 19780221 - SIEBOL GEORGE
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• [Y] EP 0497455 A1 19920805 - AVDEL SYSTEMS LTD [GB]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 12173702 A 20120626; BR 102012015956 A 20120627; FR 1155780 A 20110628; US 201213534715 A 20120627