

Title (en)

Connector with short circuit contacts

Title (de)

Steckverbinder mit Kurzschlusskontakten

Title (fr)

Connecteur à fiches doté de contacts anti-court-circuit

Publication

EP 1848071 A3 20080618 (DE)

Application

EP 07007655 A 20070414

Priority

DE 102006019160 A 20060421

Abstract (en)

[origin: EP1848071A2] The connector has a plug part (1) and a coupling part (2) that are provided with attachable modules (3, 4), respectively. A joining gap is formed between joining sides (5, 6) of one of the attachable modules (3), where a spring contact at one attachable module (3) and a counter contact at the other attachable module (3) contact with each other in the joining gap. Separating units of one coupling part-attachable module are formed such that they are aligned with the gap and pass between the spring contact and the counter contact.

IPC 8 full level

H01R 13/703 (2006.01)

CPC (source: EP US)

H01R 13/7032 (2013.01 - EP US); **H01R 9/2458** (2013.01 - EP US); **Y10S 439/944** (2013.01 - EP)

Citation (search report)

- [XY] WO 9963638 A1 19991209 - GEN ELECTRIC [US]
- [YA] WO 9701198 A1 19970109 - SIEMENS AG [DE], et al
- [Y] FR 2356291 A1 19780120 - POST OFFICE [GB]
- [A] DE 19651962 A1 19980618 - SIEMENS AG [DE]
- [A] DE 9112178 U1 19920716

Cited by

FR3135839A1; US9905958B2; WO2015158691A1

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 1848071 A2 20071024; EP 1848071 A3 20080618; EP 1848071 B1 20121226; CN 100546126 C 20090930; CN 101060220 A 20071024; DE 102006019160 A1 20071025; DE 102006019160 B4 20080228; ES 2401716 T3 20130423; JP 2007294454 A 20071108; JP 4525983 B2 20100818; US 2007249228 A1 20071025; US 7402058 B2 20080722

DOCDB simple family (application)

EP 07007655 A 20070414; CN 200710092162 A 20070402; DE 102006019160 A 20060421; ES 07007655 T 20070414; JP 2007110342 A 20070419; US 74190407 A 20070430