

Title (en)
Electric connector

Title (de)
Elektrischer Verbinder

Title (fr)
Connecteur électrique

Publication
EP 1065761 A1 20010103 (EN)

Application
EP 00113934 A 20000630

Priority
JP 18919199 A 19990702

Abstract (en)
An electric connector 30 is constituted, comprising a first connector 13 including a plurality of signal terminals and mounted on a substrate, a second connector 14 including three connecting pins 14a, 14b and 14c arranged at regular intervals, first and third connecting pins being connected to two signal terminals of the first connector which are to carry out signal switching, and signals to be switched being supplied to the first and third connecting pins through a normally closed type contact portion and directly supplied to the second connecting pin, and an auto fuse 40 including two contact portions arranged at regular intervals such that it is selectively engaged with two continuous connecting pins 15a and 15b on one side or the other side of the second connector, the two contact portions being electrically connected to each other, and serving to open the normally closed type contact portion provided in contact with the first or third connecting pin during the engagement with the second connector. <IMAGE>

IPC 1-7
H01R 31/08; **H01R 13/68**; **H01R 9/24**; **H01R 29/00**

IPC 8 full level
H01R 13/68 (2011.01); **H01R 9/24** (2006.01); **H01R 13/688** (2011.01); **H01R 27/00** (2006.01); **H01R 29/00** (2006.01); **H01R 31/08** (2006.01)

CPC (source: EP)
H01R 9/245 (2013.01); **H01R 13/68** (2013.01); **H01R 29/00** (2013.01); **H01R 31/08** (2013.01)

Citation (search report)
• [A] US 4950168 A 19900821 - WATANABE MITSUGU [JP], et al
• [A] EP 0829928 A2 19980318 - SUMITOMO WIRING SYSTEMS [JP]
• [A] EP 0240453 A1 19871007 - UNITED TECHNOLOGIES AUTOMOTIVE [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03 27 February 1998 (1998-02-27)

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DE102020131094B3

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 1065761 A1 20010103; **EP 1065761 B1 20030326**; DE 60001773 D1 20030430; DE 60001773 T2 20030918; JP 2001023742 A 20010126

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EP 00113934 A 20000630; DE 60001773 T 20000630; JP 18919199 A 19990702