

Title (en)
A connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique

Publication
EP 1365483 A1 20031126 (EN)

Application
EP 03011076 A 20030520

Priority
• JP 2002148202 A 20020522
• JP 2002155936 A 20020529

Abstract (en)
To provide a connector which can avoid becoming larger as a whole while preventing the excessive resilient deformation of resilient locking pieces. <??>A connector 10 is provided with a receptacle 20 into which a relay 50 is insertable through an insertion opening formed in the front surface of the receptacle 20. A resilient locking piece 27 engageable with the relay 50 to prevent the detachment of the relay 50 is provided between a pair of slits 26 formed in the receptacle 20 to extend backward from the front end thereof. Further, the receptacle 20 is provided with an excessive deformation preventing portion 40 which can be brought into abutment against the resilient locking piece 27 to prevent the excessive resilient deformation of the resilient locking piece 27 when the resilient locking piece 27 is resiliently deformed. <IMAGE>

IPC 1-7
H01R 13/627

IPC 8 full level
H01R 13/627 (2006.01)

CPC (source: EP)
H01R 13/6271 (2013.01)

Citation (search report)
• [XY] US 6126474 A 20001003 - DOYE DENNIS LEE [US], et al
• [X] US 5980297 A 19991109 - SUGIE NAOTO [JP]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06 30 April 1998 (1998-04-30)
• [AD] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)

Cited by
EP2493031A1; US8337235B2

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 1365483 A1 20031126; EP 1365483 B1 20050413; DE 60300495 D1 20050519; DE 60300495 T2 20060223

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