

Title (en)

A shorting terminal, a connector and an assembling method therefor

Title (de)

Kurzschlussklemme, Steckverbinder und Montageverfahren dafür

Title (fr)

Borne de court-circuit, connecteur et son procédé d'assemblage

Publication

EP 1986288 A1 20081029 (EN)

Application

EP 08007320 A 20080414

Priority

- JP 2007112489 A 20070423
- JP 2007209454 A 20070810

Abstract (en)

An object of the present invention is to enable a shorting terminal to be mounted at a proper position in a connector housing. A connector is provided with a plurality of terminal fittings 40, a shorting terminal 10 for shorting corresponding terminal fittings 40, and a connector housing 50 for accommodating the terminal fittings 40 and the shorting terminal 10. The shorting terminal 10 includes a contact piece 17 formed by bending and pushed at the time of insertion into the connector housing 50 and a supporting piece 21 formed by bending and held in contact with the contact piece 17 from a side opposite to a push-in direction into the connector housing 50. When a jig for pushing the shorting terminal 10 is pressed against a pushable surface 19 of the contact piece 17, the contact piece 17 can be prevented from being inclined in the push-in direction to be deformed by being supported by the supporting piece 21.

IPC 8 full level

H01R 13/703 (2006.01)

CPC (source: EP)

H01R 13/7032 (2013.01); **H01R 13/5804** (2013.01); **H01R 13/6272** (2013.01)

Citation (applicant)

- EP 0822620 A1 19980204 - SUMITOMO WIRING SYSTEMS [JP]
- DE 4342830 C1 19950420 - HAEUSLER GERD [DE], et al

Citation (search report)

- [XY] EP 0822620 A1 19980204 - SUMITOMO WIRING SYSTEMS [JP]
- [X] US 2007054547 A1 20070308 - OHTAKA KAZUTO [JP], et al
- [DX] JP H09153386 A 19970610 - YAZAKI CORP & US 5743760 A 19980428 - INABA SHIGEMITSU [JP], et al
- [X] EP 0808000 A2 19971119 - YAZAKI CORP [JP]
- [Y] US 5647754 A 19970715 - KOHNO TOSHIAKI [JP]
- [A] US 6551115 B1 20030422 - LI PENGTEI [CN], et al

Cited by

CN107666047A; CN111864441A; FR2944388A1; FR2948255A1; CN110391533A; WO2010115750A1

Designated contracting state (EPC)

DE FR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1986288 A1 20081029; EP 1986288 B1 20111019; EP 2315320 A1 20110427; JP 2008293938 A 20081204; JP 4985206 B2 20120725

DOCDB simple family (application)

EP 08007320 A 20080414; EP 11001223 A 20080414; JP 2007209454 A 20070810