

Title (en)
ELECTRICAL CONNECTOR APPARATUS AND METHOD

Title (de)
ELEKTRISCHER STECKVERBINDER UND METHODE

Title (fr)
DISPOSITIF ET PROCEDE DESTINES A UN CONNECTEUR ELECTRIQUE

Publication
EP 1171931 A1 20020116 (EN)

Application
EP 00920210 A 20000407

Priority

- US 0009280 W 20000407
- US 28990599 A 19990413
- US 30319799 A 19990430
- US 33038199 A 19990611

Abstract (en)
[origin: WO0062374A1] The subject invention relates to a method and apparatus for coupling an electrical conductor to a connector. A specific embodiment has a conductor housing having at least one bore therein and an electrical conductive prong mounted in the housing bore. An electrical conductor gripping collar is positioned in each conductor housing bore with gripping fingers extending from the housing bore. A collar driving member is used to push the gripping collar further into the housing bore to force the gripping fingers of the gripping collar onto the electrical conductor's insulation. The collar driving member is then fastened to the connector housing to couple the electrical conductor to the electrical connector.

IPC 1-7
H01R 4/50

IPC 8 full level
H01R 4/50 (2006.01); **H01R 13/58** (2006.01); **H01R 4/24** (2006.01)

CPC (source: EP US)
H01R 4/5033 (2013.01 - EP US); **H01R 13/5825** (2013.01 - EP); **H01R 4/2412** (2013.01 - EP US)

Citation (search report)
See references of WO 0062374A1

Cited by
EP2365586A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0062374 A1 20001019; AT E274757 T1 20040915; AU 4078800 A 20001114; DE 60013267 D1 20040930; EP 1171931 A1 20020116; EP 1171931 B1 20040825

DOCDB simple family (application)
US 0009280 W 20000407; AT 00920210 T 20000407; AU 4078800 A 20000407; DE 60013267 T 20000407; EP 00920210 A 20000407