

Title (en)
Connector with a wire cover and assembling method therefor

Title (de)
Stecker mit Drahtabdeckung und Montageverfahren dafür

Title (fr)
Connecteur avec un couvercle de fil et procédé pour son assemblage

Publication
EP 2590271 A1 20130508 (EN)

Application
EP 12006906 A 20121005

Priority
JP 2011243515 A 20111107

Abstract (en)
An object of the present invention is to prevent wires drawn out from a housing from being bent at angles larger than specified angles. A wire cover 60 includes a first part 61 which is attached to a housing 30, extends backward from a rear side of the housing 30 while being narrowed and in which respective wires 100 are accommodated while being bent with respect to the rear side of the housing 30, and a second part 62 which extends backward from the rear end of the first part 61 and in which the respective wires 100 are accommodated while extending substantially straight. A banding band 90 for banding and fixing the respective wires 100 accommodated in the second part 62 is mounted on the second part 62.

IPC 8 full level
H01R 13/58 (2006.01)

CPC (source: EP)
H01R 13/5804 (2013.01); **H01R 13/562** (2013.01)

Citation (applicant)
JP 2005149941 A 20050609 - YAZAKI CORP, et al

Citation (search report)
• [YD] JP 2005149941 A 20050609 - YAZAKI CORP, et al
• [Y] US 4080035 A 19780321 - CLARK RICHARD PAUL, et al
• [Y] US 2008280467 A1 20081113 - TSUJI TAKESHI [JP]
• [Y] EP 1909363 A2 20080409 - SUMITOMO WIRING SYSTEMS [JP]
• [A] EP 0975060 A1 20000126 - FRAMATOME CONNECTORS INT [FR]
• [Y] JOHNSON J J: "TAMPER RESISTANT STRAIN RELIEF FOR MULTI-LINE CABLES EXITING INJECTION MOLDED HOUSINGS", MOTOROLA TECHNICAL DEVELOPMENTS, MOTOROLA INC. SCHAUMBURG, ILLINOIS, US, vol. 18, 1 March 1993 (1993-03-01), pages 142, XP000349602, ISSN: 0887-5286
• [Y] "STRAIN RELIEF/PUSH-PULL TAB FOR CABLE ASSEMBLIES", RESEARCH DISCLOSURE, MASON PUBLICATIONS, HAMPSHIRE, GB, no. 303, 1 July 1989 (1989-07-01), pages 500, XP000045813, ISSN: 0374-4353

Cited by
CN104852168A; CN105531883A; EP2662937A1; CN112563811A; EP3376606A1; CN108631110A; US9017109B2; WO2023103191A1; WO2021219225A1; US10516230B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2590271 A1 20130508; JP 2013101760 A 20130523

DOCDB simple family (application)
EP 12006906 A 20121005; JP 2011243515 A 20111107