

Title (en)

FEMALE CONTACT WITH FOLDED SOCKET AND METHOD OF MANUFACTURE

Title (de)

BUCHSENKONTAKT MIT GEFALTETER BUCHSE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

CONTACT FEMELLE AVEC DOUILLE REPLIÉE ET SON PROCÉDÉ DE FABRICATION

Publication

**EP 3823099 A1 20210519 (EN)**

Application

**EP 19425081 A 20191115**

Priority

EP 19425081 A 20191115

Abstract (en)

In some examples, it is described a method of manufacturing a female electrical contact, the method comprising: attaching two extremities of each conductive wire of a plurality of conductive wires to a sheet of conductive material having a longitudinal axis, wherein attaching the two extremities of each wire is performed such that the plurality of wires are slanted with respect to the longitudinal axis of the sheet; and folding the sheet of conductive material to form a conductive tubular socket having a longitudinal axis, the longitudinal axis of the tubular socket being substantially parallel to the longitudinal axis of the sheet, wherein folding the sheet is performed such that, after the sheet of conductive material is folded, the plurality of wires define a hyperboloid receiving space for a male electrical contact.

IPC 8 full level

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CPC (source: EP)

**H01R 13/10** (2013.01); **H01R 13/33** (2013.01); **H01R 43/16** (2013.01); **H01R 13/187** (2013.01)

Citation (search report)

- [X] FR 2754639 A1 19980417 - FRB CONNECTRON [FR]
- [X] US 2009036003 A1 20090205 - MORANA FRANCIS P [US], et al

Cited by

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