

Title (en)
Electrical contact socket with controlled contact pressure

Title (de)
Elektrische Steckbuchse mit gesteuertem Kontaktdruck

Title (fr)
Borne de contact électrique femelle à pression de contact contrôlée

Publication
EP 0812036 B1 20011017 (FR)

Application
EP 97108782 A 19970602

Priority
FR 9606786 A 19960603

Abstract (en)
[origin: EP0812036A1] The female connector is formed from a sheet of thickness less than 0.3 mm which is folded into a cage at the front and to form a connector for a conductor at the rear. Each upper half-wall is folded by 180 degrees to make an internal contact strip (29). The side walls are folded (46-55) to create, by means of a 180 degrees fold (46), a flexing on the strip in the relaxed position and, by a rebate (55), a limit the elastic deformation of the strip when the male connector is inserted. Folds in the sides converge to prevent the insertion of a male connector of inappropriate size. Openings (50) in the walls allow insertion and locking of the connector into an insulated sleeve.

IPC 1-7
H01R 13/115

IPC 8 full level
H01R 13/11 (2006.01); **H01R 13/115** (2006.01); **H01R 13/428** (2006.01)

CPC (source: EP US)
H01R 13/113 (2013.01 - EP US); **H01R 13/428** (2013.01 - EP US)

Cited by
CN112531550A; EP2731200A1; CN105896142A; FR2891670A1; EP1689052A1; EP2487757A1; US8944860B2; WO2012023037A1

Designated contracting state (EPC)
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EP 0812036 A1 19971210; EP 0812036 B1 20011017; AT E207253 T1 20011115; BR 9703430 A 19981124; CA 2204291 A1 19971203; CA 2204291 C 20050222; DE 69707357 D1 20011122; DE 69707357 T2 20020704; ES 2163065 T3 20020116; FR 2749441 A1 19971205; FR 2749441 B1 19980710; JP 2008124043 A 20080529; JP H1055839 A 19980224; KR 100498791 B1 20051226; KR 980006629 A 19980330; US 5947777 A 19990907

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