

Title (en)

PIN FOR ADAPTING ELECTRICAL CONNECTORS, AND A KIT OF PARTS INCLUDING SAME

Title (de)

STIFT ZUR ANPASSUNG ELEKTRISCHER VERBINDER UND KIT VON TEILEN DAMIT

Title (fr)

BROCHE POUR ADAPTER DES CONNECTEURS ÉLECTRIQUES ET KIT DE PIÈCES LA COMPRENANT

Publication

EP 3190666 A1 20170712 (EN)

Application

EP 17150424 A 20170105

Priority

GB 201600228 A 20160106

Abstract (en)

The present invention provides a pin (100, 400, 500) for adapting a socket contact (610) of a connector. The pin (100, 400, 500) converts the connector for use with a sprung contact type receptacle connector (700). The pin (100, 400, 500) comprises: a shaft portion (102) having a first end (104) and a second end (106), the first end (104) being tapered; an electrical contact portion (106) provided at the second end (106), having a greater diameter than the shaft portion (102); and at least one barb (108), disposed on the shaft portion (102), configured to engage with the connector upon insertion of the pin (100, 400, 500) socket contact (610). The invention also provides a kit of parts comprising such a pin (100, 400, 500), together with a corresponding sprung contact type mating connector.

IPC 8 full level

H01R 13/04 (2006.01); **H01R 13/22** (2006.01); **H01R 13/41** (2006.01); **H01R 13/52** (2006.01); **H01R 13/24** (2006.01)

CPC (source: EP GB)

H01R 11/00 (2013.01 - GB); **H01R 13/04** (2013.01 - EP); **H01R 13/41** (2013.01 - EP); **H01R 13/521** (2013.01 - EP); **H01R 31/06** (2013.01 - GB); **H01R 13/22** (2013.01 - EP)

Citation (search report)

- [X1] US 2012028489 A1 20120202 - GRAMSAMER JOSEF [DE], et al
- [XA] EP 2209171 A2 20100721 - DDK LTD [JP]
- [XA] US 4652842 A 19870324 - KLING JOHN P [US], et al

Cited by

CN110350374A; WO2019092176A1

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 3190666 A1 20170712; GB 201600228 D0 20160217; GB 2546081 A 20170712; GB 2546081 B 20190814

DOCDB simple family (application)

EP 17150424 A 20170105; GB 201600228 A 20160106