

Title (en)

Electrical contact and method of manufacture of electrical contact

Title (de)

Elektrischer Kontakt und Verfahren zur Herstellung eines elektrischen Kontakts

Title (fr)

Contact électrique et procédé de fabrication de contact électrique

Publication

**EP 2533367 A1 20121212 (EN)**

Application

**EP 12165727 A 20120426**

Priority

GB 201109461 A 20110606

Abstract (en)

A surface mount female electrical contact is provided, comprising a socket for receiving an electrical pin, the socket comprising a base and a plurality of contact fingers extending upwardly from the base to form electrical connection with the male electrical pin, the socket further comprising at least one guide member extending upwardly from the base to position the electrical pin when received from above the socket. A method of manufacturing a female contact is also provided, comprising: providing a flat conductive sheet; stamping a base portion in the sheet; stamping the sheet with a plurality of contact fingers, and a plurality of guide members; bending the plurality of contact fingers upwards away from the base portion towards each other; and bending the plurality of guide members upwards away from the base portion towards each other.

IPC 8 full level

**H01R 12/57** (2011.01); **H01R 12/52** (2011.01)

CPC (source: EP)

**H01R 12/57** (2013.01); **H01R 43/205** (2013.01); **H01R 12/718** (2013.01); **H01R 12/73** (2013.01); **H01R 43/16** (2013.01)

Citation (search report)

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- [XA] US 6837755 B1 20050104 - KITAJIMA YOSHIKAZU [JP], et al
- [XA] US 2006030191 A1 20060209 - TUIN JACOBUS N [NL], et al

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JP2015109262A; CN112134048A; CN112134049A; EP3859897A1; EP2814116A1; FR3007216A1; WO2016012149A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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