

Title (en)

Contact piece for an electrical connection as well as its manufacturing method

Title (de)

Kontaktstück für eine elektrische Steckverbindung sowie Verfahren zu dessen Herstellung

Title (fr)

Pièce de contact pour une connexion électrique ainsi que son procédé de fabrication

Publication

EP 1133013 B1 20040901 (DE)

Application

EP 01102918 A 20010207

Priority

DE 10005297 A 20000207

Abstract (en)

[origin: EP1133013A2] A conductive contact tip or point for a releasable electrical pluggable connection, has a connection region for an electrical conductor and a contact zone facing away therefrom, for removal of a cylindrical contact pin as the counter- or cooperating-tip/point of the pluggable connection, and which is coaxially arranged in a cylindrical encapsulation, a cage-type socket part permanently webbed in the peripheral direction, with a number of axially-parallel lamellae extending in front of the webs. The contact tip/point (1) is formed from a single-piece contact element (2), comprising the connection zone (11) as well as the cage-type socket part (23) in the contact zone (12) and made from electrically conductive and permanently flexible band/strip material, and from an encapsulation in the form of a protective sleeve (4) made of a corrosion-resistant material and pushed over the contact zone of this contact element.

IPC 1-7

H01R 13/115; **H01R 43/16**; **H01R 13/187**

IPC 8 full level

H01Q 7/00 (2006.01); **H01R 13/115** (2006.01); **H01R 13/187** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP)

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

Cited by

DE102005063286A1; GB2398680A; GB2398680B; CN109742578A; CN109804509A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1133013 A2 20010912; **EP 1133013 A3 20020522**; **EP 1133013 B1 20040901**; AT E275295 T1 20040915; DE 10005297 A1 20010816; DE 10005297 C2 20011220; DE 50103435 D1 20041007

DOCDB simple family (application)

EP 01102918 A 20010207; AT 01102918 T 20010207; DE 10005297 A 20000207; DE 50103435 T 20010207