

Title (en)

Elastic removable connection socket for an electric terminal contact.

Title (de)

Elastische ausnehmbare Verbindungsklemme für elektrischen Anschlusskontakt.

Title (fr)

Cosse de connexion élastique amovible pour borne de contact électrique.

Publication

EP 0133094 A1 19850213 (FR)

Application

EP 84401475 A 19840711

Priority

FR 8312692 A 19830802

Abstract (en)

1. An electrical terminal connector comprising at least one tubular portion being suitable for being removably fixed by elastic deformation to a cylindrical terminal (10) and being formed by a blank (1) of flat sheet metal substantially rectangular, a tab (5) being cut out in one of the sides of said blank (1), characterized in that : - said tubular portion is formed by spirally winding said blank (1), said side of said blank (1) including said tab (5) being disposed on said free face of said tubular portion ; in that - said tab (5) is folded radially, through a window (6) cut out through the adjacent turns of said tubular portion and is standing proud from the contact face of said tubular part ; and in that - the width of said window (6) enables the circumferential moving of said tab (5) between a first position in which said turns are close to one another and a second position in which said turns are not so close as in said first position, so that the contact with said terminal (10) is provided in the section of said tab (5) in the one of said first and second positions causing the most stressed state of said spiral winding.

Abstract (fr)

Une cosse est réalisée par enroulement en spirale d'un rectangle en métal élastique et une patte (5), formée à l'extrémité extérieure, est repliée à travers une fenêtre (6) pour exercer une force élastique à l'intérieur de la cosse, contre une borne (10) par exemple, serrée entre la patte (5) et l'extrémité intérieure (9) de la spirale. La cosse peut comporter différents nombres de tours dans la spirale, selon l'élasticité désirée, et la patte peut faire saillie vers l'intérieur, comme représenté sur la figure, ou vers l'extérieur, pour d'autres types de contact. Application, entres autres, aux bougies d'allumage de moteurs à explosion.

IPC 1-7

H01R 11/28

IPC 8 full level

H01R 11/28 (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01)

CPC (source: EP)

H01R 11/282 (2013.01); **H01R 13/111** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0133094 A1 19850213; **EP 0133094 B1 19900425**; AT E52362 T1 19900515; DE 3482082 D1 19900531; FR 2550392 A1 19850208; FR 2550392 B1 19860523

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