

Title (en)

Electrical contact socket and connector using the same

Title (de)

Elektrische Steckbuchse und deren Verwendung in einem Verbinder

Title (fr)

Borne femelle de contact électrique et connecteur en faisant application

Publication

EP 0574293 B1 19970910 (FR)

Application

EP 93401444 A 19930607

Priority

FR 9206914 A 19920609

Abstract (en)

[origin: EP0574293A1] The terminal is intended to receive a cylindrical pin terminal. It has a rear shank for connecting to an electrical conductor, having a rear shank for connecting to an electrical conductor and a front annular part open at the front, intended to receive the pin terminal and divided up by axial slits which are uniformly distributed in the circumferential direction into fingers each having an internal enlarged region. The socket terminal also includes a tube (28) solidly fastened to the root (foot) of the fingers (26), surrounding the fingers and limiting the outward elastic deformation of the fingers from a rest (free) state of the fingers, in which they converge towards the front. <IMAGE>

IPC 1-7

H01R 13/115

IPC 8 full level

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

CPC (source: EP US)

H01R 13/111 (2013.01 - EP US)

Cited by

US10717368B2; EP0801439A1; CN109075480A; EP2209167A1; EP2487758A3; FR3102015A1; DE112020004849T5; WO2021069742A1; WO2017182283A1; EP3375657B1; EP3446369B1

Designated contracting state (EPC)

BE CH DE ES GB IT LI NL SE

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EP 0574293 A1 19931215; EP 0574293 B1 19970910; CA 2097979 A1 19931210; CA 2097979 C 20000926; DE 69313729 D1 19971016; DE 69313729 T2 19980226; FR 2692080 A1 19931210; FR 2692080 B1 19940826; US 5358433 A 19941025

DOCDB simple family (application)

EP 93401444 A 19930607; CA 2097979 A 19930608; DE 69313729 T 19930607; FR 9206914 A 19920609; US 7352093 A 19930609