

Title (en)

Terminal post for a socket insert

Title (de)

Polklemme für einen Steckdoseneinsatz

Title (fr)

Borne polaire pour un insert de prise

Publication

**EP 2645488 B1 20160525 (DE)**

Application

**EP 13001315 A 20130315**

Priority

DE 102012006500 A 20120329

Abstract (en)

[origin: EP2645488A1] The post has terminal post components formed from a copper-zinc-material. A over spring-contact spring assembly (19) is formed from a stainless steel material with resilient characteristics, and covers a mechanical function. The components cover an electrical function of a current line from a conductor to a plug pin. The assembly provides clamping force for plug pin clamping in a contact tulip by over-spring arms (20, 21), and another clamping force for conductor clamping and conductor locking by a contact spring with contact spring arms (26, 27) and locking arms (28, 29).

IPC 8 full level

**H01R 13/18** (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP)

**H01R 4/48185** (2023.08); **H01R 13/18** (2013.01)

Cited by

EP3168933A1; EP3288116A1; EP3336967A1; FR3060872A1; US10109933B2

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

DOCDB simple family (publication)

**EP 2645488 A1 20131002; EP 2645488 B1 20160525; DE 102012006500 A1 20131002; ES 2587755 T3 20161026**

DOCDB simple family (application)

**EP 13001315 A 20130315; DE 102012006500 A 20120329; ES 13001315 T 20130315**