

Title (en)

Holdercontact for a spring contact and resilient contact

Title (de)

Kontaktteilhalter für einen Federkontakt und Federkontakt

Title (fr)

Support de contact pour un contact élastique et contact avec ressort

Publication

EP 1775798 A1 20070418 (DE)

Application

EP 06021334 A 20061011

Priority

DE 202005016024 U 20051012

Abstract (en)

The retainer has a cylindrical section (20) where a spring (14) and a contact unit (16) are inserted. The contact unit is axially movable in the section. The retainer is provided in a housing, and a contact pin is provided in a housing so that the contact unit serves as a contact for the pin to make an electrical connection. The retainer is bent at its end (26), where movement of the contact unit is limited by the bent end. An independent claim is also included for a spring contact with a spring to make electrical connection in a vehicle.

IPC 8 full level

H01R 13/24 (2006.01)

CPC (source: EP)

H01R 13/2421 (2013.01); **H01R 43/16** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)

- [XA] US 6340320 B1 20020122 - OGAWA SHINGO [JP]
- [X] DE 10261733 A1 20040722 - IMS CONNECTOR SYSTEMS GMBH [DE]
- [A] US 6923690 B1 20050802 - WANG ERIC [TW]

Cited by

US8070502B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1775798 A1 20070418; **EP 1775798 B1 20100929**; AT E483262 T1 20101015; DE 202005016024 U1 20060216; DE 502006007954 D1 20101111; ES 2350772 T3 20110126; JP 2007109658 A 20070426; JP 4922725 B2 20120425

DOCDB simple family (application)

EP 06021334 A 20061011; AT 06021334 T 20061011; DE 202005016024 U 20051012; DE 502006007954 T 20061011; ES 06021334 T 20061011; JP 2006278526 A 20061012