

Title (en)  
Connection device with a conductor rail

Title (de)  
Anschlussvorrichtung mit einer Stromschiene

Title (fr)  
Dispositif de raccordement doté d'un rail conducteur

Publication  
**EP 2065980 A3 20120307 (DE)**

Application  
**EP 08166584 A 20081014**

Priority  
DE 202007015004 U 20071029

Abstract (en)  
[origin: EP2065980A2] The connecting device i.e. tension spring connector (1), has a conductor rail (3) for contacting a set of electric conductors, where the conductor rail has a coating (6) made of conductive material e.g. metal, molybdenum and carbide. The coating has a crystal-like structure or hard metal crystals, and the conductive material exhibits more hardness than material of the electric conductors. The coating is applied by a spray coating process, and the conductor rail and the electric conductors are made of copper alloy and/or aluminum alloy.

IPC 8 full level  
**H01R 13/03** (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP)  
**H01R 4/26** (2013.01); **H01R 4/4852** (2023.08); **H01R 13/03** (2013.01)

Citation (search report)

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EP3113288A1; DE102011085704A1; DE102013208242A1; US9876286B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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