

Title (en)
Spring clamp for conductor

Title (de)
Federkraftklemme für Leiter

Title (fr)
Borne de connexion électrique à ressort

Publication
EP 2768079 B1 20170517 (DE)

Application
EP 14155168 A 20140214

Priority
DE 202013100740 U 20130219

Abstract (en)
[origin: EP2768079A1] The terminal (1) has a conductor rail (2) for contacting an electrical conductor (6), and a clamp spring (3) i.e. compression spring, for fixing the electrical conductor in the terminal. The spring includes clamping limbs pivotable around a pivot axis (8) in a pivot direction (81). The limbs are adjustable in a locking condition (R) in which the limbs are locked at a holding unit, by displacing the electrical conductor in a clamping condition. A reset unit (5) realigns the limbs by displacing the reset unit against the pivot direction from the clamping condition into the locking condition. The reset unit is protruded out from a clamp housing in the clamping condition. The clamp spring, a conductor rail and/or a holding spring are formed as blank-bending parts made of sheet metal.

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP)
H01R 4/48365 (2023.08)

Citation (opposition)
Opponent : PHOENIX CONTACT GmbH & Co. KG
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• DE 202011051466 U1 20111104 - CONRAD STANZTECHNIK GMBH [DE]
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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

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DE 202013100740 U1 20130308; EP 2768079 A1 20140820; EP 2768079 B1 20170517

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