

Title (en)
Circuit board connecting terminal

Title (de)
Leiterplattenanschlussklemme

Title (fr)
Borne de connexion de carte de circuit imprimé

Publication
EP 2894718 B1 20190925 (DE)

Application
EP 14199768 A 20141222

Priority
DE 102014200271 A 20140110

Abstract (en)
[origin: CN104779450A] The invention relates to a circuit board connecting terminal, which comprises a housing comprising two end sides and at least one guide opening arranged at one of end sides, and an electric conductor can be guided in the housing along the guiding direction through the guide opening; and comprises a contact element arranged in the housing and a clamping spring conductively connected with the contact element, which are used for pulling the guided electric conductor to the contact element and tightly clamping and loading; and comprises a control element, which is used for loosening the guided electric conductor, wherein the control element can wind the oscillation axis and oscillatedly arranged on the housing, and the control element comprises two wing fates connected through the control surfaces, wherein the oscillation axis is arranged in the free end area of the wing fate, in addition, the clamping section of the clamping spring is arranged at the free end of the wing fate on the one hand and arranged between the control surfaces on the other hand.

IPC 8 full level
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H01R 4/4821 (2023.08 - CN EP); **H01R 4/483** (2023.08 - CN EP); **H01R 4/48365** (2023.08 - US); **H01R 11/18** (2013.01 - US); **H01R 12/51** (2013.01 - US); **H01R 12/515** (2013.01 - CN EP US); **H01R 4/4852** (2023.08 - CN EP); **H01R 13/62938** (2013.01 - EP US)

Cited by
DE102019106351A1; CN113574739A; EP3910741A1; BE1024468B1; EP4329103A3; US11509074B2; WO2020182380A1; WO2019201550A1; US10998649B2; WO2018153862A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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