

Title (en)
Connection terminal

Title (de)
Anschlussklemme

Title (fr)
Borne de raccordement

Publication
EP 1403968 A3 20060614 (DE)

Application
EP 03018895 A 20030820

Priority
• DE 10239367 A 20020828
• DE 10253861 A 20021119

Abstract (en)
[origin: US2005029003A1] A connecting terminal, in particular a terminal strip, has a busbar and at least one spring terminal element. The spring terminal element is formed separately from the busbar, it is electrically conductively connected to it, and it is as thin as possible, with minimum use of material. The spring element has a spring limb and a contact limb opposite the spring limb, for connecting an electrical conductor which has been inserted between these limbs and rests against the contact limb. The spring limb and the contact limb are both supported against the busbar for absorbing spring forces.

IPC 8 full level
H01R 9/24 (2006.01); **H01R 9/26** (2006.01)

CPC (source: EP US)
H01R 4/4821 (2023.08 - EP); **H01R 4/485** (2023.08 - EP); **H01R 9/2608** (2013.01 - EP US); **H01R 9/2691** (2013.01 - EP US);
H01R 4/48275 (2023.08 - US); **H01R 4/4842** (2023.08 - EP); **H01R 4/4852** (2023.08 - EP)

Citation (search report)
• [A] US 5853304 A 19981229 - LANDREAU DANIEL [FR], et al
• [A] DE 8136054 U1 19820422

Cited by
DE102019111847A1; DE102004062850B3; DE202014102270U1; US9905943B2; EP3047540B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005029003 A1 20050210; **US 6911602 B2 20050628**; AT E542267 T1 20120215; AT E545177 T1 20120215; DE 10315668 A1 20040311;
DE 10315668 B4 20070606; EP 1403968 A2 20040331; EP 1403968 A3 20060614; EP 1403968 B1 20120118

DOCDB simple family (application)
US 65005203 A 20030826; AT 03015230 T 20030705; AT 03018895 T 20030820; DE 10315668 A 20030404; EP 03018895 A 20030820