

Title (en)  
Clip-on terminal with bus bar

Title (de)  
Stromschiene mit Buchsen-Steckverbinder

Title (fr)  
Barrette à bornes avec bus bar

Publication  
**EP 0833408 B1 20030409 (DE)**

Application  
**EP 97115679 A 19970910**

Priority  
DE 19639785 A 19960927

Abstract (en)  
[origin: EP0833408A2] The current rail and the socket-plug connector are made in one piece from a strip material section. Two adjacent contact springs (5,6) of different lengths are formed by slots (7,8). The longer contact spring (5) engages over the end edge of the shorter contact spring (6) with an angled section (5') forming its contact zone. The longer contact spring is wider than the shorter one. Both contact springs are curved up towards the plane of the current rail so that part of their lengths remain in the plane of the contact rail.

IPC 1-7  
**H01R 9/26**; **H01R 13/115**

IPC 8 full level  
**H01R 9/26** (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP US)  
**H01R 4/4848** (2023.08 - EP US); **H01R 13/112** (2013.01 - EP); **H01R 4/4816** (2023.08 - EP US); **H01R 4/485** (2023.08 - EP US);  
**H01R 9/26** (2013.01 - EP)

Cited by  
EP1168550A3; FR2803441A1; EP2410611A1; CN102347533A; US9336977B1; US9576762B2; US9570261B2; WO2013091846A1;  
US9396889B1; US9742134B2; WO2023062198A1

Designated contracting state (EPC)  
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DE 59709761 D1 20030515

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