

Title (en)
One-piece contact spring

Title (de)
Einstückige Kontaktfeder

Title (fr)
Ressort de contact d'une seule piece

Publication
EP 0859431 A3 19990506 (DE)

Application
EP 97121864 A 19971211

Priority
DE 19705509 A 19970213

Abstract (en)
[origin: EP0859431A2] A single-piece contact spring comprising a box-type contact part (1) on which is formed a base wall (11) and a cover wall (15). On the plug-in side, a spring arm (25;27) is bent back into the inner cavity of the contact part, in which the spring arms (25,27) mutually converge and are provided with springy contact crests (31) on their ends. Each of the two spring arms (25,27) is supported at a support device (29) in order to relieve the bend of the respective spring arm (25,27), the support device (29) is displaced backwards into the inner cavity of the box, from the front end of the bend running from the plug-in side, by approx. two-to-five-times the thickness of the base wall (11) or cover wall (15).

IPC 1-7
H01R 13/115

IPC 8 full level
H01R 13/11 (2006.01); **H01R 13/115** (2006.01); **H01R 4/18** (2006.01)

CPC (source: EP US)
H01R 13/113 (2013.01 - EP US); **H01R 4/185** (2013.01 - EP US)

Citation (search report)
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• [A] US 3713080 A 19730123 - KENNEDY R
• [AD] US 4152042 A 19790501 - OSTAPOVITCH HAROLD J [CA]

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