

Title (en)

DOUBLE FLAT SPRING CONTACT WITH OVERSPRING

Publication

**EP 0114187 B1 19900131 (DE)**

Application

**EP 83109173 A 19830916**

Priority

- DE 3248078 A 19821224
- DE 8236405 U 19821224

Abstract (en)

[origin: US4540235A] A double flat spring contact provided with an over-spring, in which the double flat spring contact includes connecting elements for an electrical conductor wire and a box-shaped spring arm base which is rectangular in cross section to define a bottom, side walls and a pair of longitudinally divided top cover parts. A spring arm extends forward from each cover part and a pair of spring arms are also connected to the bottom. An external over-spring is seated about in an enclosed arrangement on the spring arm base to be unreleasably secured thereon. The external over-spring includes a box-shaped external over-spring arm base, which is also rectangular in cross section. Connected to and extending forward from the over-spring arm base are over-spring clamp arms that run parallel to the spring arms of the double flat spring contact. The clamp arms press inwardly upon outer surfaces of the spring arms.

IPC 1-7

**H01R 13/18**

IPC 8 full level

**H01R 13/11** (2006.01); **H01R 13/15** (2006.01); **H01R 13/18** (2006.01); **H01R 13/115** (2006.01)

CPC (source: EP US)

**H01R 13/11** (2013.01 - EP US); **H01R 13/18** (2013.01 - EP US); **H01R 13/113** (2013.01 - EP US)

Cited by

US5938485A; US5795196A; EP0600420A1; EP0189821A3; DE9201047U1; DE4236426A1; EP0196367A1; EP0352871A3; EP0658952A1; FR2713833A1; US5591051A; EP0279508A1

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**US 55111783 A 19831114**; DE 3248078 A 19821224; DE 8236405 U 19821224; EP 83109173 A 19830916; JP 22781583 A 19831130