

Title (en)  
BOX-LIKE FORMED SPRING

Publication  
**EP 0352871 B1 19930317 (DE)**

Application  
**EP 89202206 A 19851204**

Priority  
• DE 3510865 A 19850326  
• DE 8508964 U 19850326

Abstract (en)  
[origin: EP0352871A2] A box-like formed spring in miniature form having a conductor wire connection part and a contact part designed as a flat fork-type spring, the flat fork-type spring having a U-shaped spring arm base with a bottom and two side walls, a spring arm (7) being attached, extending forwards, on each side wall, and these spring arms (7), being bent towards each other beginning from the side walls up to a contact line and diverge again from the contact line for forming a locating funnel, is to be designed in such a way that its contact point lies in the region of the plug opening and that an optimum spring action of the spring arms and a simple manufacture is ensured. This is achieved in that a box-shaped over-spring is held positively on the flat fork-type spring, and that, in the longitudinal edge region of the box form of the over-spring, there are cut-outs which extend backwards from a box web (25) arranged in the front region of the box form and form, together with transversely extending cross sections, over-spring arms (26) extending forwards in a tongue-shaped fashion on the side walls of the over-spring, which are inwardly bent towards one another and rest on the fork-type spring arms (7). <IMAGE>

IPC 1-7  
**H01R 13/18**

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

CPC (source: EP)  
**H01R 13/18** (2013.01); **H01R 13/112** (2013.01)

Cited by  
FR2775131A1; EP0765003A1; EP0492086A1; FR2751476A1; FR2775132A1; EP0517139A3; DE10034862A1; DE10034862B4; EP0492479A3; US5415571A; US5653616A; EP0583590A3; DE29719153U1; EP0913886A3; EP1763110A1; EP0658952A1; FR2713833A1; US5591051A; EP1503457A1; DE10335196B3; FR2775130A1; EP0577927A1; US7014515B2; WO9317468A1; WO9941807A1

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