

Title (en)

Double flat spring contact with a stop.

Title (de)

Doppelflachfederkontakt mit Anschlagvorrichtung.

Title (fr)

Contact à double ressort plat avec butée.

Publication

**EP 0492086 B1 19941228 (DE)**

Application

**EP 91118594 A 19911031**

Priority

DE 9017229 U 19901220

Abstract (en)

[origin: EP0492086A1] 1. Double flat-spring contact with an external spring over it, a) the double flat-spring contact having an essentially U-shaped spring arm base with a broad-side wall and an end-side wall, to which spring arm base claw arms are linked on the one side as stops for an electrical conductor wire and, on the other side, fork spring arms are linked which converge in the shape of an arc at the front edges of the broad-side walls and, in the culmination region of the arcs, form a contact region for a contact tongue of a mating contact, stop devices being provided in the contact region which project outwards and hold the converging fork spring arms at a specific distance, b) the external spring over it having a box-shaped spring arm base which is seated in a fixed position, essentially in a positively locking manner, on the spring arm base of the double flat-spring contact, to the broad-side walls of which spring arm base converging fork arms of the spring over it are linked, which press from the outside against the fork spring arms of the double flat-spring contact, and c) cladding in the form of sliding runners (11), which covers at least the stop devices (2) of the fork spring arms (3) of the double flat-spring contact (1), being arranged on the outer spring over it (10). <IMAGE>

IPC 1-7

**H01R 13/18**

IPC 8 full level

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

CPC (source: EP US)

**H01R 13/18** (2013.01 - EP US)

Cited by

FR2891670A1; FR2698730A1; EP0837529A1; DE102013212717A1; EP0600419B1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0492086 A1 19920701**; **EP 0492086 B1 19941228**; DE 4135907 A1 19920625; DE 59104071 D1 19950209; DE 9017229 U1 19920423; JP H04315778 A 19921106; PT 99712 A 19940131; PT 99712 B 19990226; US 5295873 A 19940322

DOCDB simple family (application)

**EP 91118594 A 19911031**; DE 4135907 A 19911031; DE 59104071 T 19911031; DE 9017229 U 19901220; JP 34973791 A 19911210; PT 9971291 A 19911206; US 78881291 A 19911107