

Title (en)

Circuit panel socket with cloverleaf contact.

Title (de)

Leiterplattensockel mit Kleeblattkontakt.

Title (fr)

Socle de panneau de circuit imprimé à contact en forme de trèfle.

Publication

**EP 0400378 A2 19901205 (EN)**

Application

**EP 90108923 A 19900511**

Priority

US 36064489 A 19890602

Abstract (en)

A single in-line memory module socket employing edge stamped contacts positioned within an insulative housing is disclosed. Each terminal has opposed beams with a loop section intermediate the ends of upwardly extending portions of those beams. Inwardly inclined arms extend downwardly from the top of the opposed beams and the contacts are configured so that majority of the deflection of the beams occurs in these inwardly inclined arms. A central post extends upwardly from the base of the terminals and engages housing ribs located within a central spine located along the bottom of a panel receiving slot in the insulative housing. Cavities intersect the slots receiving the circuit panels and the terminals can be inserted into the respective cavities from the bottom, with the posts extending upwardly from the base securing the terminals by engagement with the central spine. Panel support guides extend upwardly at either end of the housing and ridges on flexible walls in the housing stabilize the modules in the sockets.

IPC 1-7

**H01R 23/70**

IPC 8 full level

**H01R 24/00** (2006.01); **H01R 12/72** (2011.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01)

CPC (source: EP KR)

**H01R 12/721** (2013.01 - EP); **H01R 13/11** (2013.01 - KR)

Cited by

EP0881679A3; EP0557898A1; EP0554003A1; EP0564955A3; USD854274S; US6733017B2; US6472744B2; US6696754B2; US10053124B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)

**EP 0400378 A2 19901205**; **EP 0400378 A3 19910206**; **EP 0400378 B1 19960103**; AT E132661 T1 19960115; CN 1047941 A 19901219; DE 69024535 D1 19960215; DE 69024535 T2 19960515; ES 2083395 T3 19960416; JP 2660450 B2 19971008; JP H0322380 A 19910130; KR 100190795 B1 19990601; KR 910002047 A 19910131

DOCDB simple family (application)

**EP 90108923 A 19900511**; AT 90108923 T 19900511; CN 90103972 A 19900601; DE 69024535 T 19900511; ES 90108923 T 19900511; JP 14015790 A 19900531; KR 900008082 A 19900601