

Title (en)

Improvements in and relating to printed-circuit board edge connectors.

Title (de)

Kantenverbinder von gedruckten Schaltungskarten.

Title (fr)

Connecteurs coopérant avec la bordure d'une carte à circuits imprimées.

Publication

**EP 0083862 A2 19830720 (EN)**

Application

**EP 82306849 A 19821221**

Priority

GB 8138658 A 19811222

Abstract (en)

A system for providing edge connection to printed-circuit boards 40 and the like has very low insertion force and almost no contact wear, so avoiding the disadvantages of conventional edge connection systems, by employing a connector comprising two mutually pivotable arms 10 and 12 or 72 and 74 having protrusions 14 and 16 or 76 and 78 at their distal ends which are separable in response to the board being introduced between the protrusions 14 and 16 or 76 and 78 to separate spring contact sections 32 34 far enough to allow insertion of the board 40 without rubbing thereagainst, the protrusions 14 and 16 or 76 and 78 falling into a void 48 94 at the end of insertion to allow the spring contact sections 32 34 to impinge upon pads 44 96 on the board 40 with the coming back together of the arms 10 and 12 or 72 and 74, the system working in reverse for the withdrawal of a board 40.

IPC 1-7

**H01R 23/70**

IPC 8 full level

**H01R 12/88** (2011.01)

CPC (source: EP)

**H01R 12/88** (2013.01)

Cited by

EP0242954A1; GB2242579A; EP0157471A1; JP2016024942A; EP0122486A1; US4519660A; US8398423B2; US8636530B2; WO2012123220A1; WO2010069673A1; WO2007062866A1; WO2010069741A1

Designated contracting state (EPC)

BE DE FR NL

DOCDB simple family (publication)

**EP 0083862 A2 19830720**; **EP 0083862 A3 19850522**; **EP 0083862 B1 19881019**; DE 3279143 D1 19881124; GB 2113018 A 19830727; GB 2113018 B 19851009

DOCDB simple family (application)

**EP 82306849 A 19821221**; DE 3279143 T 19821221; GB 8138658 A 19811222