

Title (en)
Contact element

Title (de)
Kontaktbauelement

Title (fr)
Pièce de contact

Publication
EP 0477663 B1 19960814 (DE)

Application
EP 91115364 A 19910911

Priority
DE 4030752 A 19900928

Abstract (en)
[origin: EP0477663A1] Emerging from a base part (5), the contact element (1) has a terminal connection (3) and a fork spring contact (6) with which it can be plugged onto pin-shaped mating contacts (14...16). A specific offset (v1 and v2 respectively) is defined with respect to the axis of symmetry, running in the plug-in direction, of the contact part (6) which is to make contact with the mating contact, for the clamping point (4) of the terminal connection (3), both in a direction running at right angles to the axis of symmetry and in the direction running at right angles thereto and at right angles to the axis of symmetry (2). Each contact element (1) can be inserted into a base housing part in different positions, in a locked position. This takes place in retaining chambers which are provided at a specific spacing in the form of a grid. As a result of the insertion, which takes place in different positions with respect to one another, of the contact elements (1) provided with the said offset, connection configurations can be produced for the connecting pins of electrical structural units or elements which deviate from the arrangement predetermined by the retaining chambers. For example, it is possible to convert from component connecting pins arranged in a line to a mating contact arrangement aligned in a triangular shape. In general, it is possible to convert from a line to a specific grid, or from a specific grid to a grid having a different spacing. This includes, for example, the spreading of two rows of pins at a predetermined distance onto two rows of pins at a large distance from one another, and vice versa. <IMAGE>

IPC 1-7
H01R 4/48; **H01T 4/06**

IPC 8 full level
H01R 4/48 (2006.01); **H01R 13/66** (2006.01); **H01T 4/06** (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01)

CPC (source: EP US)
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Cited by
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