

Title (en)  
Electrical connector for an electronic device

Title (de)  
Elektrischer Steckverbinder für eine elektronische Einrichtung

Title (fr)  
Connecteur électrique pour un dispositif électronique

Publication  
**EP 0725459 A3 19970903 (EN)**

Application  
**EP 96300665 A 19960131**

Priority  
JP 3602195 A 19950201

Abstract (en)  
[origin: EP0725459A2] There is provided a small electronic device to which highly reliable electrical connections can be obtained by superimposing and clamping a circuit board (50) and terminals (40,42,44,46) of an electrical connector together. The terminals ((40,42,44,46) are insert-molded in a housing (10) so that the contacts (40b,42b,44b,46b) of the terminals (40,42,44,46) are aligned with conductive pads on the board (50). The end portions of the board (50) and the contacts (40b,42b,44b,46b) are springably or elastically clamped in a superimposed state by clamping members (60,60'). The connection between the board (50) and the contacts (40b,42b,44b,46b) is maintained by metal plates (64) under spring forces thereof. Elastic bodies (64') may be used instead of the metal plates (64). <IMAGE>

IPC 1-7  
**H01R 9/09**

IPC 8 full level  
**H01R 13/66** (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP)  
**H01R 12/57** (2013.01); **H01R 13/6658** (2013.01); **H01R 4/48** (2013.01)

Citation (search report)  
• [XA] US 4330163 A 19820518 - AIKENS PAUL W, et al  
• [X] EP 0506445 A1 19920930 - SHARP KK [JP]

Cited by  
US6552276B2; FR2814860A1

Designated contracting state (EPC)  
DE FR GB IE IT

DOCDB simple family (publication)  
**EP 0725459 A2 19960807; EP 0725459 A3 19970903; JP H08213121 A 19960820**

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