

Title (en)  
Connector

Title (de)  
Verbinder

Title (fr)  
Connecteur

Publication  
**EP 1102357 A1 20010523 (EN)**

Application  
**EP 00203981 A 20001115**

Priority  
NL 1013577 A 19991115

Abstract (en)

A connector comprises a housing of insulating material and a plurality of contact elements. The housing has a plurality of channels for accommodating a contact element and a reference face. Each contact element is provided with a contact end, an intermediate part with a length direction and a connection end, wherein the connection end has a connection surface for a surface mount connection to a contact pad of a printed circuit board. At at least a part of the contact elements the connection surface is movable with respect to the reference face of the housing between a mounting starting position and an end position. The connection end of the contact elements extends mainly in the length direction of the intermediate part. Each contact element with movable connection surface is mounted in the corresponding channel such that the connection end is movable mainly transverse to the length direction of the intermediate part. Each movable contact element is supported in the corresponding channel in a pivotable manner, wherein the pivot is located near the contact end of the contact element. <IMAGE>

IPC 1-7  
**H01R 12/36**; **H01R 12/20**

IPC 8 full level  
**H01R 12/55** (2011.01); **H01R 12/57** (2011.01); **H01R 12/71** (2011.01)

CPC (source: EP)  
**H01R 12/57** (2013.01); **H01R 12/724** (2013.01)

Citation (search report)

- [XA] US 5244412 A 19930914 - HATCH DAVID [US], et al
- [A] EP 0449570 A1 19911002 - MOLEX INC [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 11 26 December 1995 (1995-12-26)

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US8435052B2

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