

Title (en)  
Clip-on connector elements

Title (de)  
Clipartige Kontaktelemente

Title (fr)  
Connecteur avec verrouillage

Publication  
**EP 1507309 A1 20050216 (DE)**

Application  
**EP 04018906 A 20040810**

Priority  
• DE 10336844 A 20030811  
• DE 102004002512 A 20040117

Abstract (en)  
The clip-type contact element has a first contact partner whose surface at least partly encloses the surface of a second contact partner in a reversible shape-locking manner. The contact partners have pot-shaped mutually corresponding contact parts (3,4). The first contact part is connected to a circuit board (2) and the second contact part has a contact surface (5).

Abstract (de)  
Vorrichtung (1) zur Kontaktierung eines ersten Kontaktpartners mit zumindest einem weiteren Kontaktpartner, wobei erfindungsgemäß vorgesehen ist, dass die Oberfläche des ersten Kontaktpartners die Oberfläche des weiteren Kontaktpartners zumindest teilweise formschlüssig und lösbar umgibt. <IMAGE>

IPC 1-7  
**H01Q 1/12**; **H01R 13/20**; **H01R 4/48**

IPC 8 full level  
**H01Q 1/12** (2006.01); **H01R 13/20** (2006.01); **H01R 4/50** (2006.01)

CPC (source: EP US)  
**H01Q 1/12** (2013.01 - EP US); **H01R 13/20** (2013.01 - EP US); **H01R 4/50** (2013.01 - EP US); **H01R 2201/02** (2013.01 - EP US)

Citation (search report)  
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• [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04 30 April 1997 (1997-04-30)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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**EP 1507309 A1 20050216**; DE 202004021404 U1 20071227; US 2005090160 A1 20050428; US 7161546 B2 20070109

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