

Title (en)  
Rubber spring connector

Title (de)  
Gummifederverbinder

Title (fr)  
Connecteur à ressort en caoutchouc

Publication  
**EP 1808936 A1 20070718 (EN)**

Application  
**EP 06100412 A 20060116**

Priority  
EP 06100412 A 20060116

Abstract (en)  
A rubber spring connector (20) can be extended and repeated use in electrical connection with electric components, which has an insulating flexible silicone rubber layer (21) embedded with a conductive spring matrix (25) composed of a group of conductive spring modules in longitudinal and latitudinal matrix arrangement.

IPC 8 full level  
**H01R 12/16** (2006.01); **H01R 13/24** (2006.01)

CPC (source: EP)  
**H01R 12/7076** (2013.01); **H01R 13/2414** (2013.01)

Citation (search report)  
• [X] GB 2276502 A 19940928 - YAMAICHI ELECTRONICS CO LTD [JP]  
• [X] EP 0889678 A1 19990107 - HEWLETT PACKARD CO [US]  
• [A] US 6247938 B1 20010619 - RATHBURN JAMES J [US]  
• [A] US 6854985 B1 20050215 - WEISS ROGER E [US]  
• [A] US 2005101167 A1 20050512 - WEISS ROGER E [US], et al

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1808936 A1 20070718**

DOCDB simple family (application)  
**EP 06100412 A 20060116**