

Title (en)  
ELECTRICAL CONNECTOR

Title (de)  
ELEKTRISCHER VERBINDER

Title (fr)  
CONNECTEUR ÉLECTRIQUE

Publication  
**EP 4266507 A1 20231025 (EN)**

Application  
**EP 22168867 A 20220419**

Priority  
EP 22168867 A 20220419

Abstract (en)  
A mechanism for connecting electrical devices together. A pin of an electrical connector is formed of a distal portion and a flexible portion, which is more flexible than the distal portion. When the distal portion connects to a socket of a complementary electrical connector, the flexible portion is separated from the socket.

IPC 8 full level  
**H01R 13/05** (2006.01); **H01R 13/35** (2006.01); **F21V 23/06** (2006.01); **H01R 13/03** (2006.01); **H01R 13/11** (2006.01); **H01R 13/20** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)  
**H01R 13/05** (2013.01); **H01R 13/35** (2013.01); **H01R 13/03** (2013.01); **H01R 13/112** (2013.01); **H01R 13/20** (2013.01); **H01R 13/521** (2013.01); **H01R 13/5219** (2013.01)

Citation (search report)

- [XY] JP 2012243462 A 20121210 - J S T MFG CO LTD
- [XY] US 2017214161 A1 20170727 - YAMADA SHINJI [JP], et al
- [YA] EP 0268453 A1 19880525 - RAYCHEM CORP [US]
- [YA] DE 102009029545 A1 20110331 - BOSCH GMBH ROBERT [DE]
- [YA] EP 2413435 A1 20120201 - YAZAKI CORP [JP]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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