

Title (en)  
Connector with switch

Title (de)  
Steckverbinder mit Schalter

Title (fr)  
Connecteur avec interrupteur

Publication  
**EP 1204178 A3 20030129 (DE)**

Application  
**EP 01123922 A 20011006**

Priority  
DE 10051791 A 20001018

Abstract (en)  
[origin: EP1204178A2] The plug connector has a housing (1) containing a U-shaped spring clamp (4) provided with a first contact (2) at its base and a second contact (3) between its arms (6), with release of the spring clamp arms from the second contact upon insertion of a contact pin. The contacts may be positioned colinear with the longitudinal axis of the U-shaped spring clamp, with the contact pin inserted perpendicularly between the spring clamp arms.

IPC 1-7  
**H01R 13/646**

IPC 8 full level  
**H01R 13/646** (2011.01)

CPC (source: EP US)  
**H01R 13/7033** (2013.01 - EP US); **H01R 2201/16** (2013.01 - EP)

Citation (search report)

- [X] US 4633048 A 19861230 - KOMATSU YASUHIRO [JP]
- [X] US 5741146 A 19980421 - HENRY RANDALL ROBERT [US], et al
- [A] EP 0955699 A1 19991110 - SOCAPEX AMPHENOL [FR]
- [A] US 4165147 A 19790821 - BUCK JOSEF J

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1204178 A2 20020508; EP 1204178 A3 20030129; EP 1204178 B1 20050817**; AT E302480 T1 20050915; DE 10051791 A1 20020516; DE 10051791 C2 20031030; DE 50107106 D1 20050922; US 2002090863 A1 20020711; US 6743031 B2 20040601

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**EP 01123922 A 20011006**; AT 01123922 T 20011006; DE 10051791 A 20001018; DE 50107106 T 20011006; US 98253901 A 20011018