

Title (en)  
Connector connection structure

Title (de)  
Verbindungsanordnung in einem Stecker

Title (fr)  
Arrangement de connexion dans un connecteur

Publication  
**EP 0793304 A2 19970903 (EN)**

Application  
**EP 97103138 A 19970226**

Priority  
• JP 4007896 A 19960227  
• JP 10946796 A 19960430  
• JP 30962596 A 19961120

Abstract (en)  
A connector connection structure includes a first connector supported on a holder and a second connector connectable to the first connector. The holder has support portions in the form of U-shaped grooves, for supporting the first connector such that the first connector is slidable in a direction of connection of the first and second connectors relative to each other. Swingable levers are swingably supported between the holder and the first connector, and there are provided drive portions that swingingly displace the swingable levers in response to the sliding movement of the first connector. Operating portions are also provided to increase driving forces of the swingable levers, and transmit the driving forces to the second connector, thereby driving the two connectors in a direction to connect the two connectors together. <IMAGE>

IPC 1-7  
**H01R 13/629**

IPC 8 full level  
**H01R 13/629** (2006.01)

CPC (source: EP)  
**H01R 13/62972** (2013.01); **H01R 13/62938** (2013.01)

Cited by  
EP1028494A3; EP1191641A3; EP1180826A1; DE10131936B4; EP4429041A1; GB2442845A; EP1443611A1; GB2442845B; US6612854B2; US6500015B2; EP1418649B1; WO2019057519A1

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0793304 A2 19970903; EP 0793304 A3 19991215; EP 0793304 B1 20040428**; CA 2198431 A1 19970827; CA 2198431 C 20040413; DE 69728809 D1 20040603; DE 69728809 T2 20050331; JP 3748301 B2 20060222; JP H1021992 A 19980123

DOCDB simple family (application)  
**EP 97103138 A 19970226**; CA 2198431 A 19970225; DE 69728809 T 19970226; JP 30962596 A 19961120