

Title (en)  
Sealed electrical connector.

Title (de)  
Abgedichteter elektrischer Verbinder.

Title (fr)  
Connecteur électrique étanche.

Publication  
**EP 0592102 A2 19940413 (EN)**

Application  
**EP 93306963 A 19930902**

Priority  
IT MI922304 A 19921006

Abstract (en)  
A sealed multi-contact electrical connector (1a) for interconnecting wires (17) to an electronic module (1b) includes a plug (4) and a receptacle (3a) with an internal seal (21), an external gasket (15) and screw seals (13a) engaging the plug (4) and receptacle surfaces to seal mating contacts (10, 18); a front cover (16) includes locking teeth (34) and a central housing has a mating pawl (33) and lances that function to preclude engagement of plug (4) and receptacle (3a) unless the contacts (10,18) are properly seated and the cover (16) and housing closed. <IMAGE> <IMAGE> <IMAGE>

IPC 1-7  
**H01R 13/52**

IPC 8 full level  
**H01R 13/52** (2006.01)

CPC (source: EP)  
**H01R 13/5202** (2013.01); **H01R 13/5208** (2013.01)

Cited by  
DE19638368A1; EP0831559A3; EP0926776A1; DE19624646A1; DE19624646C2; EP0757409A1; US5842892A; GB2295733A; GB2295733B; DE4427012A1; US5569051A; US5567182A; CN110932009A

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0592102 A2 19940413; EP 0592102 A3 19950322; EP 0592102 B1 19980722;** DE 69319822 D1 19980827; DE 69319822 T2 19981210; IT 1255846 B 19951117; IT MI922304 A0 19921006; IT MI922304 A1 19940406

DOCDB simple family (application)  
**EP 93306963 A 19930902;** DE 69319822 T 19930902; IT MI922304 A 19921006