

Title (en)  
Saeled electrical connector

Title (de)  
Abgedichteter elektischer Verbinder

Title (fr)  
Connecteur électrique étanche

Publication  
**EP 0791985 A1 19970827 (EN)**

Application  
**EP 97102154 A 19970211**

Priority  
GB 9603632 A 19960221

Abstract (en)  
An electrical connector (2) for terminating a wire (16), the connector having a connector body (4) with a forward mating end (10) and a rear wire receiving end (12) with a contact receiving passage way extending therebetween; a contact (14) positioned and retained in the contact receiving passageway where said contact (14) includes a forward contact portion (32) accessible from the mating end (10) of the connector body (4) and a rearward conductor engaging end (90) disposed toward the rear wire receiving end (12) of the connector body (4) for engaging the wire (16) such that the wire (16) trails outward of the connector (2) beyond the wire receiving (12) when terminated to the contact (14) and a seal (18) disposed within the connector body (4) having an outer sealing surface (20) forming a seal with the connector body (4) and an inner sealing surface (22) for forming a seal with a trailing wire (14); characterized in that a contact sleeve (30) is provided that includes at least a portion of the contact receiving passage way (56) therein where said sleeve (30) is constructed to receive the contact (14) so as to form a cartridge (36) where the cartridge (36) is insertable into the connector body (4) past the seal (18) along the inner sealing surface (22) thereof where it is then retained within the connector body (4). <IMAGE>

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

IPC 8 full level  
**H01R 13/434** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)  
**H01R 13/434** (2013.01); **H01R 13/5208** (2013.01)

Citation (search report)  
• [XY] WO 8705157 A1 19870827 - THOMAS & BETTS CORP [US]  
• [YA] GB 2125513 A 19840307 - AMP INC  
• [Y] US 4944688 A 19900731 - LUNDERGAN ROBERT G [US]

Cited by  
EP2722934A4; EP1037322A1; EP1061610A3; US6364703B1; US9225092B2

Designated contracting state (EPC)  
DE FR GB IT

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**EP 97102154 A 19970211**; GB 9603632 A 19960221; JP 4984697 A 19970218; KR 19970005349 A 19970221