

Title (en)  
ONE-PIECE CONNECTOR MEMBERS AND STERILE CONNECTOR SYSTEM.

Title (de)  
EINSTÜCK-VERBINDUNGSGLIEDER UND STERILES VERBINDUNGSSYSTEM.

Title (fr)  
ORGANES DE RACCORDEMENT EN UNE SEULE PIECE ET SYSTEME DE RACCORDEMENT STERILE.

Publication  
**EP 0069768 A4 19840823 (EN)**

Application  
**EP 82900696 A 19820111**

Priority  
US 22592981 A 19810119

Abstract (en)  
[origin: WO8202528A1] A sterile connector system has first and second connector members (10, 12), each comprising a hollow housing (26, 42) and a port (14, 16) for flow communication to and from each hollow housing. One of the connectors (10, 12) is opaque and the other transparent, both being made of thermoplastic material, with at least a portion of transparent, thermoplastic wall of one of the connector members being positioned adjacent to and along the opaque, thermoplastic wall of the other of the connectors. Typically, both connector members are tubular in form, with the opaque connector (10) fitting inside of the transparent connector (12) in telescoping relation. Accordingly, radiant energy can melt at least a part of the opaque wall (28) by absorption, and at least a part of the transparent wall (44) can correspondingly melt primarily by heat conduction from the opaque wall, to cause a hole to open between the two walls and fusion of the materials of the wall together.

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**B65B 3/04**; **A61M 5/00**

IPC 8 full level  
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