

Title (en)  
QUICK CONNECTOR WITH CONFIRMATION FEATURE

Title (de)  
SCHNELLKUPPLUNG MIT BESTÄTIGUNG DER STELLUNG

Title (fr)  
RACCORD INSTANTANE A CONFIRMATION DE POSITION

Publication  
**EP 0852682 A4 20040616 (EN)**

Application  
**EP 95936196 A 19950926**

Priority  
US 9512282 W 19950926

Abstract (en)  
[origin: WO9712170A1] A quick connector-male conduit assembly (10) for use in a conduit coupling incorporates a hand-releasable, self-centering snap ring-like retainer (20) having a seating indicator (16) included therewith. The seating indicator (16) includes a pop-off ring (48) that goes around the male conduit (12), which is a part of the tubing leading to the connection to assist in the installation of the quick connector-male conduit assembly (10) into a female receptacle (11) and to positively indicate to the installer that the male conduit (12) has been properly locked to the female receptacle (11). The retainer (20) includes a pair of tabs (68) for easy manipulation by hand or tools for removal. The quick connector assembly (10) is on either a plastic or a metal male conduit (12), and can be as short as a threaded connection. The quick connector assembly (10) has no threads, and permit 360 degree rotation of the conduit (12).

IPC 1-7  
**F16L 39/00**; **F16L 37/084**

IPC 8 full level  
**F16L 37/12** (2006.01); **F16L 37/084** (2006.01); **F16L 39/00** (2006.01)

CPC (source: EP KR)  
**F16L 37/084** (2013.01 - EP); **F16L 39/00** (2013.01 - KR); **F16L 2201/10** (2013.01 - EP)

Citation (search report)

- [AX] WO 9514187 A1 19950526 - PROPRIETARY TECHNOLOGY INC [US], et al
- See references of WO 9712170A1

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

DOCDB simple family (publication)  
**WO 9712170 A1 19970403**; AU 3823295 A 19970417; BR 9510643 A 20020716; EP 0852682 A1 19980715; EP 0852682 A4 20040616; JP H11514425 A 19991207; KR 19990063775 A 19990726

DOCDB simple family (application)  
**US 9512282 W 19950926**; AU 3823295 A 19950926; BR 9510643 A 19950926; EP 95936196 A 19950926; JP 51336897 A 19950926; KR 19980702242 A 19980326