

Title (en)

QUICK CONNECTOR HAVING RING FOR CONFIRMING PROPER CONNECTION

Title (de)

SCHNELLKUPPLUNG MIT RING ZUR SICHERUNG DER KORREKTEN VERBINDUNG

Title (fr)

RACCORD RAPIDE POURVU D'UNE BAGUE POUR ASSURER LE RACCORDEMENT CORRECT

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Application

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Abstract (en)

[origin: WO9630688A1] In its preferred embodiment, a quick connector (10) for connecting a male conduit (12) to a female receptacle (14) has a pair of waist segments (60 and 62), a body segment (56), and a pair of leg segments (68). Each of the leg segments (68) are defined by a pair of projecting elements (76) which are at least partially compressible toward one another thereby causing the pair of waist segments (60 and 62) to move toward one another. A confirmer ring (114) is provided on the pair of projecting elements (76). Confirmation that the quick connector (10) is properly locked in place is made when the confirmer ring (114) is fully seated within a portion of the opening (18) of female receptacle (14). An alternate embodiment provides for use of the confirmer ring (114) as an installing tool when connecting the male conduit (12) with the female receptacle (14). An additional alternate embodiment allows usage of the confirmer ring (114) as a tool for installation and decoupling of the male conduit (12) into the female receptacle (14), as well as for confirming the connection.

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