

Title (en)
CONNECTOR WITH INTERCHANGEABLE ANNULAR METAL JOINT.

Title (de)
VERBINDUNG MIT AUSWECHSELBARER METALLISCHER RINGDICHTUNG.

Title (fr)
RACCORD A JOINT METALLIQUE ANNULAIRE INTERCHANGEABLE.

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Application
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Abstract (en)
[origin: WO8903495A1] The connector according to the invention is intended to provide for a sealed connection between two tubular elements arranged end to end and respectively provided with two tubular connecting ends (12, 13), the sealing being obtained by compression of an annular gasket or ring (20) between the radial faces (12', 13') of the two ends (12, 13). The radial faces of the ring (22) and of the ends (12, 13) comprise each a coronal radial surface adjacent to the cylindrical surface of the ring (20) and of the ends (12, 13) as well as, outwardly, a revolution surface of which the directrix is a circle and of which the generatrix extends obliquely with respect to the longitudinal axis of the connector. The invention also provides for a continuity of the internal cylindrical surface (17, 17;) of the connector, a self-centering effect on the ring (20) and a double sealing barrier.

Abstract (fr)
Le raccord selon l'invention sert à assurer une connexion étanche entre deux éléments tubulaires disposés bout à bout respectivement munis de deux embouts tubulaires (12, 13), l'étanchéité étant alors obtenue par compression d'un joint annulaire (20) entre les faces radiales (12', 13') des deux embouts (12, 13). Les faces radiales du joint (20) et des embouts (12, 13) comprennent chacune une surface radiale coronale adjacente à la surface cylindrique du joint (20) et des embouts (12, 13) ainsi que, vers l'extérieur, une surface de révolution dont la directrice est un cercle et dont la génératrice s'étend obliquement par rapport à l'axe longitudinal du raccord. L'invention permet d'assurer une continuité de la surface cylindrique intérieure (17, 17') du raccord, d'assurer un effet d'auto-centrage du joint (20) et d'obtenir une double barrière d'étanchéité. Abstract The connector according to the invention is intended to provide for a sealed connection between two tubular elements arranged end to end and respectively provided with two tubular connecting ends (12, 13), the sealing being obtained by compression of an annular gasket or ring (20) between the radial faces (12', 13') of the two ends (12, 13). The radial faces of the ring (22) and of the ends (12, 13) comprise each a coronal radial surface adjacent to the cylindrical surface of the ring (20) and of the ends (12, 13) as well as, outwardly, a revolution surface of which the directrix is a circle and of which the generatrix extends obliquely with respect to the longitudinal axis of the connector. The invention also provides for a continuity of the internal cylindrical surface (17, 17;) of the connector, a self-centering effect on the ring (20) and a double sealing barrier.

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