

Title (en)

DEVICE FOR CENTERING AND CLAMPING TUBULAR PARTS

Title (de)

VORRICHTUNG ZUM ZENTRIEREN UND FESTKLEMMEN VON ROHRFÖRMIGEN TEILEN

Title (fr)

DISPOSITIF DE CENTRAGE ET DE SERRAGE DE PIECES TUBULAIRES

Publication

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Application

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Abstract (en)

[origin: WO2006134284A1] The invention concerns a device for centering and clamping tubular parts such as conduits designed to form pipeline pipes of the type consisting of an elongated cylinder (1) comprising in particular clamping means, such as at least clamping shoes (2) arranged over its entire periphery and adapted to be radially mobile projecting from said cylinder (1) to be urged to press against the walls of the conduits to be clamped as well as means for moving each of the series of clamping shoes (2) between a position projecting from the cylinder (1) and a position wherein they are retracted into the cylinder (1). The invention is characterized in that said driving means consist of a driving member (3) removably connected to a plate (4) which bears a plurality of support components (5) on each of which is mounted pivoting about an axis of the first end of a link rod (6) in the manner of a swivel joint, the second end of the link rod (6) being likewise mounted pivoting about an axis, in the manner of a swivel joint in a second support component bearing a centering shoe (2), the sliding driving movement of the driving member (3) in a longitudinal direction of the cylinder (1) causing the first end of the link rods (6) to pivot while the resulting pivoting movement of the second end of the link rods (6) causes the radial displacement of the associated clamping shoes (2). The invention is applicable to the construction of piping systems.

IPC 8 full level

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