

Title (en)

TOOL DEVICE FOR CONNECTION OF A PLASTIC PIPE

Title (de)

WERKZEUGVORRICHTUNG ZUM ANSCHLUSS EINES KUNSTSTOFFROHRES

Title (fr)

SYSTÈME D'OUTIL POUR RACCORDER UN TUYAU EN PLASTIQUE

Publication

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Application

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Abstract (en)

[origin: WO2010040812A1] The invention relates to a tool device for connection of a plastic pipe, especially a composite plastic/metal pipe, to a fitting having a compression or sliding sleeve. The tool device comprises a housing (40), a mechanically drivable drive element (20) which can be displaced optionally along a first direction of movement or along a second direction of movement, a pipe expanding tool (14) for expanding a pipe end (50) that can be slid onto a supporting sleeve (48) of a fitting (46), and a compression sleeve compression tool (16) or a sliding sleeve sliding tool (16') for pressing a compression sleeve (52) onto the expanded pipe end (50) slid onto the supporting sleeve (48) of the fitting (46') or for sliding a sliding sleeve (52') onto the expanded pipe end (50) slid onto the supporting sleeve (48). The drive element (20) actuates the pipe expanding tool (14) during the movement along the first direction of movement and the compression sleeve compression tool (16) or the sliding sleeve sliding tool (16') during the movement along the second direction of movement.

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