

Title (en)

METHOD AND DEVICE FOR PRODUCING CONICAL PIPE SECTIONS IN HELICAL FOUNDATIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG KONUSFÖRMIGER ROHRABSCHNITTE AN SCHRAUBFUNDAMENTEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA FABRICATION DE SECTIONS DE TUBES DE FORME CONIQUE SUR DES SOCLES VISSABLES

Publication

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Application

**EP 11707836 A 20110307**

Priority

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Abstract (en)

[origin: CA2792298A1] The invention relates to a method and device for producing conical sections 1 in cylindrical pipes (2) of helical foundations by drawing. The device comprises a plurality of press rolling discs (segments) (4) disposed radially about a longitudinal axis (5) of a receptacle (6) for the cylindrical pipe (2) to be drawn, pivotable about axes (7) extending transverse and tangential to the longitudinal axis (5), and designed such that the outer circumferential surfaces (8) of the press roller discs (segments) (4) form a developed cone. The device further comprises a drawing die (10) for drawing the pipe (2) along the longitudinal axis (5) through the press roller discs (segments) (4), such that the conical section (1) can be formed by means of the outer circumferential surfaces (8) rolling on the pipe (2) during drawing. Spring elements (11, 12) clamp the press roller discs (segments) (4) against the pipe (2). A rotary device (15) rotates the pipe (2) for uniform processing thereof.

IPC 8 full level

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