

Title (en)

METHOD FOR CALIBRATING THE DIMENSIONS OF A T-BRANCH PIPE AND DEVICE FOR IMPLEMENTING THE METHOD

Title (de)

VERFAHREN ZUR KALIBRIERUNG DER ABMESSUNGEN EINES T-VERZWEIGUNGSROHRS UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DE CALIBRAGE DES DIMENSIONS D'UN TUYAU D'EMBRANCHEMENT EN T ET DISPOSITIF POUR METTRE EN OEUVRE LE PROCÉDÉ

Publication

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Application

EP 21919205 A 20211220

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Abstract (en)

[origin: WO2022152963A1] The invention relates to a method and device for calibrating the dimensions of a T-branch pipe (1). The T-branch pipe comprises a standard pipe (2) and a collar (3) forming a branch opening, the collar diameter of which is made larger than the desired final size in the longitudinal direction (x) of the standard pipe (2) and smaller than the desired final size in the transverse direction. The collar (3) is flared out by means of a first calibration force (F1) in one direction which is transverse to the longitudinal direction (x) of the standard pipe (2). The standard pipe (2) is flared out locally by means of a second calibration force (F2) and a third calibration force (F3) in two directions. The said flaring out is carried out in stages in such a way that all three calibration forces (F1, F2 ja F3) eventually act simultaneously. When the calibration forces (F1, F2 and F3) act, the standard pipe (2) is reduced in the vicinity of its ends by means of a fourth force (F4) which acts in parallel with the axial direction (y) of the collar (3).

IPC 8 full level

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Citation (search report)

See references of WO 2022152963A1

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