

Title (en)

Method and device for the threading of tubes in a drawing device

Title (de)

Verfahren und Vorrichtung zum Einfädeln von Rohren in eine Ziehvorrichtung

Title (fr)

Procédé et dispositif pour l'enfilage de tuyaux dans un dispositif d'étrépage

Publication

**EP 0826438 B1 20021002 (DE)**

Application

**EP 97250237 A 19970814**

Priority

DE 19636322 A 19960829

Abstract (en)

[origin: US5855136A] A process and a device for threading elongated tubes into a drawing apparatus for cross-sectional reduction in at least one drawing step by means of at least two successive drawing units that grasp the workpiece at the outer circumference with revolving driving chains which, after the drawing point formed at the start of the tube is threaded in, draw the workpiece continuously through a drawing ring which is arranged in front of each drawing unit. The device includes at least two chain-type drawing machines 1, 2, 3 which are arranged one behind the other with driving chains, 1a to 3a and 1b to 3b, which move apart radially and with a gripper 8 arranged behind every chain-type drawing machine 1, 2, 3 for grasping the drawing point 6 which is formed at the beginning of the tube. The gripper 8 is swivelable from a rest position laterally to and outside of the drawing line into a work position in which the gripper 8 is movable in the drawing direction between the driving chains, 1a to 3a and 1b to 3b, which are moved apart.

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**US 5855136 A 19990105**; AT E225216 T1 20021015; DE 19636322 C1 19980115; DE 59708364 D1 20021107; EP 0826438 A2 19980304; EP 0826438 A3 19990324; EP 0826438 B1 20021002; JP H1085825 A 19980407

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