

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 A3 19990324 (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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B21C 1/30

IPC 8 full level

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CPC (source: EP US)

B21C 1/32 (2013.01 - EP US)

Citation (search report)

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- [DA] EP 0645200 A1 19950329 - DANIELI OFF MECC [IT], et al
- [A] EP 0182922 A1 19860604 - SCHUMAG AG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 080 (M - 015) 10 June 1980 (1980-06-10)

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