

Title (en)

Drive for a continuous drawing device for the straight drawing of tubes or bars

Title (de)

Antrieb für eine kontinuierliche Ziehvorrichtung zum Geradeausziehen von Rohren oder Stangen

Title (fr)

Entrainement pour un dispositif d'étirage continu pour l'étirage-droit de tubes ou barres

Publication

EP 0860216 B1 20010523 (DE)

Application

EP 98250053 A 19980217

Priority

DE 19708709 A 19970224

Abstract (en)

[origin: EP0860216A1] The mechanism draws straight pipes or bars, having two pairs of opposite endless chains running round the sprockets (9). Tools on the chains engage with the outside surface of the work, pulling it continuously through a drawing ring preceding the drawing unit. The transmission mechanism between the motor (1) and driven sprockets incorporates a speed-increasing gear (5), whose input shaft (4) is coupled to the motor shaft (2) via a spider-type universal joint (3). The motor and input shafts include an angle (B) other than 180[deg], and the gear ratio is determined by the formula $n1/n2 = \text{Number of sprocket teeth}/2$. The angle included by the shafts can be adjustable.

IPC 1-7

B21C 1/30

IPC 8 full level

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CPC (source: EP)

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Cited by

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