

Title (en)

Bending machine with actively operated central capstan

Title (de)

Biegemaschine mit einem mittig angeordneten, aktiv angetriebenen Kapstan

Title (fr)

Machine à cintrer avec un cabestan central entraîné

Publication

EP 1046437 A1 20001025 (EN)

Application

EP 00830273 A 20000410

Priority

IT BS990029 U 19990409

Abstract (en)

This invention concerns a machine with three operating rolls, two of which are lower (12, 13) and placed side-by-side on axes with a fixed height, and an upper central one (14) on a movable axis that can be varied in height. The upper central roll (14) is commanded by a chain transmission (19), derived from the geared transmission that drives the lower rolls. The chain transmission is set more or less vertically and to one side of the axis of the upper central roll, which it engages tangentially. <IMAGE>

The bending machine comprises rolls set in motion by an electric motor (16') using series of gears (17) commanding lower roll via idler gear (18).

The upper roll is commanded by a chain transmission (19). The chain passes over a first toothed wheel (20) and over second toothed wheel (21). A branch (19') of the chain is practically vertical, acting upon a third toothed wheel kept in permanent contact with latter via a plate (23).

IPC 1-7

B21D 5/14

IPC 8 full level

B21D 7/08 (2006.01)

CPC (source: EP)

B21D 7/08 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 1046437 A1 20001025; IT 247328 Y1 20020709; IT BS990029 U1 20001009

DOCDB simple family (application)

EP 00830273 A 20000410; IT BS990029 U 19990409