

Title (en)
CROSS-ROLLING MILL

Publication
EP 0204878 B1 19891011 (DE)

Application
EP 85730071 A 19850517

Priority
EP 85730025 A 19850218

Abstract (en)
[origin: EP0204878A2] 1. A skew-axis tube rolling mill comprising a plurality of driven rolls which are arranged uniformly around the rolling axis in a fixed housing and which are inclined in relation to the rolling axis, characterised in that the housing comprises fixed frame components (1, 2), a possibly exchangeable roll stand (4) arranged on the frame components, and roll units, each containing a roll, arranged in the roll stand, where the roll stand (4) is ring-shaped and is provided with stop means and locking means for the selective arrangement of four to six roll units (5, 6, 7, 8, 9, 10) or other combinations up to a maximum of eight roll units, and in that the roll unit consists of an inner and outer sleeve with an adjusting drive means, from which the outer sleeve (12) is arranged in the roll stand (4) with its longitudinal axis facing at right angles to the rolling axis, of a supporting surface (16) arranged on one end face of the inner sleeve (15), and of the exchangeable roll mounting (17) on the supporting surface (16) in the direction of the rolling axis and which comprises a roll (19), the roll bearings (21, 22), the drive coupling (23) and an adjusting finger (24).

IPC 1-7
B21B 19/02

IPC 8 full level
B21B 19/06 (2006.01)

CPC (source: EP)
B21B 19/06 (2013.01)

Cited by
EP0445899A1

Designated contracting state (EPC)
AT BE DE FR GB IT LU

DOCDB simple family (publication)
EP 0204878 A2 19861217; EP 0204878 A3 19870805; EP 0204878 B1 19891011; DE 3573540 D1 19891116

DOCDB simple family (application)
EP 85730071 A 19850517; DE 3573540 T 19850517