

Title (en)

CROSS HELICAL ROLLING MILL FOR SEAMLESS STEEL TUBES.

Title (de)

ROEHRENWALZWERK MIT SCHRAUBENFOERMIGEM BEARBEITUNGSWEG DURCH QUERGESTELLTE WALZEN.

Title (fr)

TRANSVERSAL A COURSE HELICOIDALE POUR LA PRODUCTION DE TUBES EN ACIER.

Publication

EP 0156922 B2 19940302 (EN)

Application

EP 84903453 A 19840918

Priority

JP 17521183 A 19830924

Abstract (en)

[origin: EP0156922A1] An inclined rolling mill includes pressure rolls with an inlet side interfacial angle and an outlet-side interfacial angle which are disposed with an inclination such as to provide a predetermined angle of lead. The rolling mill is provided with a pair of drivable drive roller shoes with an inlet-side interfacial angle and an outlet-side interfacial angle which are disposed at a position adjacent to the pressure rolls with an inclination such as to provide a predetermined angle of lead. Thus, it is possible to stably support a blank pipe being rolled with a compact structure and to effect smooth rolling.

IPC 1-7

B21B 25/00; **B21B 19/04**

IPC 8 full level

B21B 19/02 (2006.01); **B21B 19/04** (2006.01); **B21B 23/00** (2006.01); **B21B 25/00** (2006.01); **B21B 35/00** (2006.01)

CPC (source: EP)

B21B 19/04 (2013.01); **B21B 25/00** (2013.01)

Cited by

US5477719A; EP0550256A1; CN102489522A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0156922 A1 19851009; **EP 0156922 A4 19860402**; **EP 0156922 B1 19890607**; **EP 0156922 B2 19940302**; CA 1251954 A 19890404; DE 3478580 D1 19890713; JP H0224602 B2 19900530; JP S6068104 A 19850418; WO 8501458 A1 19850411

DOCDB simple family (application)

EP 84903453 A 19840918; CA 463676 A 19840920; DE 3478580 T 19840918; JP 17521183 A 19830924; JP 8400450 W 19840918