

Title (en)
ROLLING MILL AND ROLLING METHOD AND ROLLING EQUIPMENT

Title (de)
WALZWERK, WALZVERFAHREN UND WALZANALGE

Title (fr)
LAMINOIR, ET PROCEDE ET EQUIPEMENT DE LAMINAGE

Publication
EP 0896840 A4 20010404 (EN)

Application
EP 96908338 A 19960403

Priority
JP 9600918 W 19960403

Abstract (en)
[origin: WO9736700A1] At least the working rolls in two groups of rolls are held by unitary metal chocks. The driving side portion and operating side portion of a material to be rolled are held at the upper side thereof by separately formed unitary metal chocks, and at the lower side thereof as well by similar unitary metal chocks. Two groups of rolls can be arranged close to each other, and the meandering and a bend of a material to be rolled are prevented. A rolling mill and a rolling method and rolling equipment which are easy to maintain and provide a high rolling efficiency can be provided.

IPC 1-7
B21B 13/14; **B21B 31/00**

IPC 8 full level
B21B 1/26 (2006.01); **B21B 13/14** (2006.01); **B21B 31/00** (2006.01); **B21B 31/02** (2006.01); **B21B 1/34** (2006.01); **B21B 1/46** (2006.01); **B21B 13/02** (2006.01); **B21B 27/10** (2006.01); **B21B 28/04** (2006.01); **B21B 38/06** (2006.01); **B21B 39/16** (2006.01)

CPC (source: EP KR)
B21B 1/26 (2013.01 - EP); **B21B 13/14** (2013.01 - EP KR); **B21B 31/00** (2013.01 - KR); **B21B 31/02** (2013.01 - EP); **B21B 1/34** (2013.01 - EP); **B21B 1/46** (2013.01 - EP); **B21B 1/463** (2013.01 - EP); **B21B 13/023** (2013.01 - EP); **B21B 27/10** (2013.01 - EP); **B21B 28/04** (2013.01 - EP); **B21B 38/06** (2013.01 - EP); **B21B 39/16** (2013.01 - EP); **B21B 2013/021** (2013.01 - EP); **B21B 2013/025** (2013.01 - EP); **B21B 2013/028** (2013.01 - EP); **B21B 2269/16** (2013.01 - EP); **B21B 2273/06** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9736700A1

Cited by
DE10210576B4; CN102652958A; CN102814328A; AU2008300996C1; WO2009036894A1; WO2006089755A1; WO2005049241A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9736700 A1 19971009; DE 69623343 D1 20021002; DE 69623343 T2 20030424; EP 0896840 A1 19990217; EP 0896840 A4 20010404; EP 0896840 B1 20020828; KR 100307121 B1 20011109; KR 20000005248 A 20000125

DOCDB simple family (application)
JP 9600918 W 19960403; DE 69623343 T 19960403; EP 96908338 A 19960403; KR 19980707937 A 19981002