

Title (en)

METHOD OF ROLLING DEFORMED BAR AND ROLL FOR DEFORMED BAR

Title (de)

VERFAHREN ZUM WALZEN VON VERFORMTEN STALSMATERIAL UND WALZE FÜR VERFORMTES STABMATERIAL

Title (fr)

PROCEDE POUR LAMINER DES BARRES DEFORMEES ET CYLINDRE POUR BARRES DEFORMEES

Publication

EP 0853988 A1 19980722 (EN)

Application

EP 96931999 A 19960926

Priority

- JP 9602783 W 19960926
- JP 25135695 A 19950928

Abstract (en)

A steel bar for concrete reinforcement having knots and four ribs on its surface is produced by performing the final finish rolling by means of a two-roll rolling mill. Rolls R1, R2 of the two-roll rolling mill have a roll caliber (3), round calibers (2) and a bottom groove (1). The roll caliber (3) is substantially semi-circular in cross section, and is provided over the whole peripheral surface of the roll. The round calibers (2) are made in the groove surfaces of the roll caliber (3) and have a predetermined width so as to cross the roll caliber (3). The cross section of the bottom groove (1) is an isosceles trapezoid and the groove (1) is provided along the center line of the roll caliber (3) over the whole circumference of the roll caliber.

<IMAGE> <IMAGE>

IPC 1-7

B21B 27/02; **B21B 1/16**

IPC 8 full level

B21B 27/02 (2006.01); **B21B 1/16** (2006.01); **B21B 13/10** (2006.01); **B21H 8/00** (2006.01)

CPC (source: EP KR)

B21B 1/16 (2013.01 - KR); **B21B 1/163** (2013.01 - EP); **B21B 27/02** (2013.01 - KR); **B21B 27/02** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB IT LU

DOCDB simple family (publication)

WO 9711796 A1 19970403; AU 7095896 A 19970417; AU 710014 B2 19990909; BR 9610698 A 19990706; CN 1198111 A 19981104; EP 0853988 A1 19980722; EP 0853988 A4 20010606; JP 2957450 B2 19991004; JP H0994602 A 19970408; KR 19990063724 A 19990726; TW 305778 B 19970521

DOCDB simple family (application)

JP 9602783 W 19960926; AU 7095896 A 19960926; BR 9610698 A 19960926; CN 96197278 A 19960926; EP 96931999 A 19960926; JP 25135695 A 19950928; KR 19980702191 A 19980325; TW 85112024 A 19961002