

Title (en)
Rolling mill and rolling method

Title (de)
Walzwerk und Walzverfahren

Title (fr)
Laminoir et procédé de laminage

Publication
EP 1184094 A3 20041222 (EN)

Application
EP 01103675 A 20010223

Priority
JP 2000258529 A 20000829

Abstract (en)
[origin: EP1184094A2] In a rolling mill in which hydraulic apparatus (12;13), for controlling the roll balance or the shape of the rolled material are incorporated in movable frames (10;11) provided separately from roll chocks (4;5) mounted at each end of the rolls (1,2), reducing the roll inclination thereby making it possible to carry out stable rolling, and also reducing the roll vibrations, and making it possible to manufacture products with a high quality. Providing hydraulic apparatus (12 and 13) for controlling the roll balance and the shape of the rolled material inside the movable frames (10 and 11), hydraulic apparatus (16 and 17) that push and restrict the roll chocks (4 and 5) and the movable frames (10 and 11) in the direction of flow of the rolled material relative to the roller stand (3), and the hydraulic apparatus (18 and 19) that push and restrict the movable frames (10 and 11) in the up/down direction relative to the roller stand (3). <IMAGE>

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Citation (search report)
• [YA] JP S4868452 A 19730918
• [A] US 4491005 A 19850101 - KIMURA TOMOAKI [JP], et al
• [DYA] PATENT ABSTRACTS OF JAPAN vol. 0103, no. 20 (M - 530) 30 October 1986 (1986-10-30)
• [A] PATENT ABSTRACTS OF JAPAN vol. 0080, no. 02 (M - 266) 7 January 1984 (1984-01-07)
• [A] PATENT ABSTRACTS OF JAPAN vol. 0081, no. 16 (M - 299) 30 May 1984 (1984-05-30) & JP S5012385 B2 19750512

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