

Title (en)  
ROLLING MILL WITH WORKING ROLLERS AND MULTIPART SUPPORT ROLLERS

Title (de)  
WALZWERK MIT ARBEITSWALZEN UND MEHRTEILIGEN STÜTZWALZEN

Title (fr)  
LAMINOIR COMPRENANT DES CYLINDRES DE TRAVAIL ET DES CYLINDRES D'APPUI EN PLUSIEURS PARTIES

Publication  
**EP 1056553 A1 20001206 (DE)**

Application  
**EP 99916753 A 19990217**

Priority  
• DE 9900499 W 19990217  
• DE 19807601 A 19980217

Abstract (en)  
[origin: US6286355B1] A rolling mill with working rolls and with multipart support rolls. The rolling mill includes of a basic body with a plurality of rolling bearings which are arranged next to one another on the basic body in its longitudinal direction. The outer rings of the bearing rotatably support a sleeve which surrounds the rolling bearings and bears with its inner surface, all-round, on the outer surfaces of the outer rings of the rolling bearings and the outer surface of which forms the roll barrel of the support roll. Three rolling bearings, of which the middle rolling bearing is designed as a tapered rolling bearing, are provided over the length of the basic body. In this case the two outer rolling bearings are designed as cylindrical roller bearings and an eccentric bush motively rotatable about the longitudinal axis of the basic body is arranged between the two cylindrical roller bearings and the basic body.

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**B21B 13/14**; **B21B 27/05**

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CPC (source: EP US)  
**B21B 13/14** (2013.01 - EP US); **B21B 27/05** (2013.01 - EP US)

Cited by  
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