

Title (en)  
Arrangement at rolling mill.

Title (de)  
Stützeinrichtung an einem Walzwerk.

Title (fr)  
Dispositif de support sur un laminoir.

Publication  
**EP 0114795 A2 19840801 (EN)**

Application  
**EP 84850006 A 19840104**

Priority  
SE 8300169 A 19830114

Abstract (en)  
An arrangement at rolling mills, especially sheet and strip rolling mills, for supporting work rolls (2,46,70) therein, which rolls have smooth shell surface (4) along at least a substantial portion of their length, and two or more hydrostatic bearings (3,6,7,59,60,61,69) acting against said smooth shell surfaces (4) are provided for supporting the work rolls. The arrangement is characterized in that the bearings (3,6,7,59,60,61,69) are movable to positions, in which they contact the smooth shell surfaces (4), that their portions (15,17,28,30,36,39,63) thereby contacting the shell surfaces (4) have small area and a lower wear resistance than said shell surfaces (4). The arrangement further is characterized in that hydrostatic pressure medium is intended to controlled flow out between said portions (15,17,28,30,36,39,63) and the shell surfaces (4).

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**B21B 13/14**; **B21B 29/00**

IPC 8 full level  
**B21B 13/14** (2006.01); **B21B 29/00** (2006.01)

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