

Title (en)
ARRANGEMENT AT ROLLING MILL

Publication
EP 0114795 A3 19841010 (EN)

Application
EP 84850006 A 19840104

Priority
SE 8300169 A 19830114

Abstract (en)
[origin: EP0114795A2] 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)

CPC (source: EP)
B21B 13/145 (2013.01)

Citation (search report)
• [AD] GB 858296 A 19610111 - NAT RES DEV
• [X] DE 2651028 A1 19780511 - ESCHER WYSS AG
• [X] DE 2507234 A1 19760826 - ESCHER WYSS AG
• [A] DE 2657062 A1 19780427 - ESCHER WYSS AG
• [A] AT 359459 B 19801110 - ANDRITZ AG MASCHF

Cited by
WO2021180395A1; DE102020203076A1

Designated contracting state (EPC)
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