

Title (en)
PROCESS CONTROL METHOD FOR A CONTINUOUS ROLLING MILL

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EP 0372439 A3 19921202 (DE)

Application
EP 89122265 A 19891202

Priority
DE 3841367 A 19881208

Abstract (en)
[origin: EP0372439A2] By means of this process control method, the actual working groove diameters (Di) of a continuous rolling mill, having a plurality of roll stands (1, 2, 3, i) and rolls (4 to 9) having individual drives, as well as the groove wear (dDi) are to be detected automatically. The groove diameters are continuously determined as a quotient of the actual bar velocity (vi) of the rolled stock (26) and the actual roll speed (ni . üi). When the rolling mill is run in, reference groove diameters (D0i) are acquired and stored for each roll (4 to 9) and each roll stand (1 to 3,i). The groove wear can be determined continuously by subtraction between the reference groove diameter (D0i) and the groove diameter (Di) actually working.

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B21B 37/12

IPC 8 full level
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Citation (search report)
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