

Title (en)

Method and device for monitoring chattering in twin drives of tolling stands

Title (de)

Verfahren und Vorrichtung zur Ratterüberwachung bei Zwillingsantrieben von Walzgerüsten

Title (fr)

Procédé et dispositif pour la surveillance de l'apparition du broutage dans des commandes symétriques doubles de cages de laminoir

Publication

EP 0638375 B1 19961113 (DE)

Application

EP 94105906 A 19940415

Priority

- EP 94105906 A 19940415
- EP 93111230 A 19930713

Abstract (en)

[origin: EP0638375A1] In a chatter monitoring system for twin drives of rolling stands, vibrations of the upper drive (2, 4, 6, 8) and of the lower drive (3, 5, 7, 9) are detected and monitored to determine whether they exceed a predetermined amplitude. If they do exceed the said amplitude, a chatter detection signal is generated. In order to prevent incorrect generation of the chatter detection signal as a consequence of stock entry vibrations, the frequencies of the vibrations of the upper drive (2, 4, 6, 8) and of the lower drive (3, 5, 7, 9) are monitored for equality; if their frequency is equal, the chatter detection signal is suppressed. <IMAGE>

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IPC 8 full level

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Cited by

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