

Title (en)

Band calender and method for operating a band calender

Title (de)

Bandkalandervorrichtung und Verfahren zum Betrieb einer Bandkalandervorrichtung

Title (fr)

Calandre à bande et procédé de fonctionnement d'une calandre à bande

Publication

EP 2042654 A2 20090401 (DE)

Application

EP 08164625 A 20080918

Priority

DE 102007045895 A 20070926

Abstract (en)

The method involves examining characteristics of a set of circular calendar bands (8) with respect to feasibility of break, cracks, thickness, surface structure, surface condition and surface defects of the calendar bands during operation of a band calendar device (1). An alarm is issued during exceeding of predetermined threshold values. The device is stopped during exceeding of the values. The characteristics of the calendar bands are checked by path measurement and acceleration measurement in region of cylinder (2) and acceleration measuring sensor (14) of the bands.

Abstract (de)

Bei bisherigen Bandkalendern (1) kann es zu einer Gefährdung des Kalenders sowie des Bedienpersonals durch herumfliegende Teile des Kalenderbands (8) nach einem Kalenderbandriss kommen. Um diese Gefährdung zu verringern, wird vorgeschlagen, dass die Eigenschaften des Kalenderbands (8) im laufenden Betrieb der Bandkalandervorrichtung überprüft (14, 15, 16, 17, 20) werden.

IPC 8 full level

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CPC (source: EP)

D21F 7/00 (2013.01); **D21F 7/005** (2013.01); **D21G 1/006** (2013.01); **D21G 1/0066** (2013.01); **D21G 1/008** (2013.01); **D21G 9/0045** (2013.01)

Citation (applicant)

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- WO 03064761 A1 20030807 - METSO PAPER INC [FI], et al
- DE 102005007833 A1 20060831 - VOITH PAPER PATENT GMBH [DE]
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- EP 1693509 A1 20060823 - VOITH PAPER PATENT GMBH [DE]
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AL BA MK RS

DOCDB simple family (publication)

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