

Title (en)

Process for operating a calender and calender

Title (de)

Verfahren zum Betreiben eines Kalanders und Kalanders

Title (fr)

Procédé pour le fonctionnement d'un calandre et calendrier

Publication

EP 1225275 A3 20031203 (DE)

Application

EP 01130368 A 20011220

Priority

DE 10102094 A 20010118

Abstract (en)

[origin: DE10102094C1] In all nips between soft- and heated rollers, thermal coupling is reduced. The reduction exceeds that achievable by spacing apart in the pressing direction. An Independent claim is included for a corresponding calender with rollers (2-8). At least one roller (2, 3, 4) is heated. At least two rollers (5-8) are soft, with a plastic covering (9). The roller stack includes several soft nips (12-17) between soft- and heated rollers. For each nip there is a push-out actuator (20-23). A controller (24) allows all soft rollers to be pushed out, leaving spacing with the heating rollers, which prevents damaging heat transfer.

IPC 1-7

D21G 1/00

IPC 8 full level

D21G 1/00 (2006.01)

CPC (source: EP)

D21G 1/00 (2013.01); **D21G 1/002** (2013.01)

Citation (search report)

- [X] DE 19904451 A1 20000817 - VOITH SULZER PAPIERTECH PATENT [DE]
- [X] DE 4133768 A1 19920416 - VALMET PAPER MACHINERY INC [FI]

Cited by

DE102013200326A1

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DE 10102094 C1 20020307; DE 50111633 D1 20070125; EP 1225275 A2 20020724; EP 1225275 A3 20031203; EP 1225275 B1 20061213

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