

Title (en)

Calender for treating a paper web on two faces

Title (de)

Kalander für die zweiseitige Behandlung einer Papierbahn

Title (fr)

Calandre pour le traitement d'une bande de papier sur deux faces

Publication

EP 0732446 B1 19981021 (DE)

Application

EP 96103278 A 19960304

Priority

DE 29504034 U 19950309

Abstract (en)

[origin: EP0732446A1] The calender assembly, to process both sides of a paper web, has a stack of six to eight rollers (2-9) with an alternating gap (16) between two soft rollers, or there are two identical roller stacks each with three to five rollers. For ≥ 1 working roller gap (15), the gap width is set to give a paper dwell time of ≥ 0.1 ms. The heating of a roller (2,4,7,9), flanking a working roller gap, gives a roller surface temp. of ≥ 100 degrees C. The mean pressure applied by the rollers in the working gap is >42 N/mm².

IPC 1-7

D21G 1/00; **D21G 1/02**

IPC 8 full level

F16C 13/00 (2006.01); **D21G 1/00** (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP US)

D21G 1/00 (2013.01 - EP US)

Cited by

DE102004003921A1; AT505347B1; DE10355686A1; DE19940897C1; EP1081281A3; WO2007125162A1; US7871496B2; US8062479B2; EP0732447B1; EP1266088B2

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