

Title (en)

Calender for paper webs or similar material

Title (de)

Kalender für Bahnen aus Papier oder ähnlichem Material

Title (fr)

Calandre pour bandes de papier ou analogue

Publication

EP 0972878 A3 20000517 (DE)

Application

EP 99111772 A 19990618

Priority

DE 19832067 A 19980716

Abstract (en)

[origin: EP0972878A2] In the calender assembly, for processing a paper web, the intermediate roller (5,10) next to the upper adjustable bend roller (4,9) in each roller stack is in a fixed position at the frame. The upper adjustable bend rollers (4,9) give a variable pressure in the top nips (25,26), independently of the pressures applied on the web in the following nips (28-33). Both end rollers (4,8,9,13) are lifting mantle types, on fixed carriers. The intermediate rollers (6,7,11,12) below the upper intermediate rollers (5,10) are mounted on levers (27), which pivot on axes mounted to the frame. Two identical stacks of rollers (2,3) are in succession in the direction of web (24) travel. The top intermediate roller (5) of the first roller stack (2) acts on one side of the web (24), and the top intermediate roller (10) of the second roller stack (3) acts on the other side of the web (24).

IPC 1-7

D21G 1/00

IPC 8 full level

D21G 1/00 (2006.01)

CPC (source: EP US)

D21G 1/00 (2013.01 - EP US)

Citation (search report)

- [X] EP 0822289 A2 19980204 - VOITH SULZER FINISHING GMBH [DE]
- [A] GB 2049516 A 19801231 - ESCHER WYSS LTD

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0972878 A2 20000119; EP 0972878 A3 20000517; EP 0972878 B1 20030827; AT E248251 T1 20030915; CA 2277426 A1 20000116; CA 2277426 C 20040203; DE 19832067 A1 20000120; DE 19832067 B4 20050421; DE 59906746 D1 20031002; US 6305280 B1 20011023

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