

Title (en)

Calander for two-sided treatment of a paper web

Title (de)

Kalander für die zweiseitige Papierbehandlung

Title (fr)

Calandre pour le traitement des deux surfaces d'une bande de papier

Publication

EP 0735185 A3 19980506 (DE)

Application

EP 96104020 A 19960314

Priority

DE 19511145 A 19950327

Abstract (en)

[origin: EP0735185A2] A calender for treatment of paper on both sides has a stack of rollers, the top and bottom ones being hard with hard and soft rollers in between where there is a mechanically active gap formed between hard and soft rollers and a changeover gap between two soft rollers. Forces acting at the stack ends load it in a direction through it. The stack (1) has 8 rollers (2, 3, 4, 5, 6, 7, 8, 9), the two middle rollers (5, 6) forming the changeover gap (16) and one (6) of these can be adjusted to bow by providing lift to its cover (22). This achieved by an upper (23) and a lower (24) support appts. both of which rest on a support (25) which passes through the cover. The force exerted on the cover by the upper support appts. is greater than that exerted by the lower.

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)

- [DA] EP 0230563 A1 19870805 - ESCHER WYSS GMBH [DE]
- [A] FR 1570397 A 19690606

Cited by

CN1101500C; EP0972877A3; EP0972880A3; EP0882838A1; US6336398B1; US6325960B1; US7340998B2; DE102008040247A1

Designated contracting state (EPC)

DE FI FR GB

DOCDB simple family (publication)

EP 0735185 A2 19961002; EP 0735185 A3 19980506; EP 0735185 B1 20010711; DE 19511145 A1 19961002; DE 19511145 C2 20000713; DE 59607248 D1 20010816; US 5662037 A 19970902

DOCDB simple family (application)

EP 96104020 A 19960314; DE 19511145 A 19950327; DE 59607248 T 19960314; US 61702096 A 19960318