

Title (en)

Calender for treating a material web

Title (de)

Kalander zur Behandlung einer Warenbahn

Title (fr)

Calandre destinée au traitement d'une bande de matériau

Publication

EP 2270280 B1 20130320 (DE)

Application

EP 09008507 A 20090630

Priority

EP 09008507 A 20090630

Abstract (en)

[origin: EP2270280A1] The calendar (1) has a nip (3) formed between a heatable roller (4) and a counter element (5). A pressure generation device (6) generates a preset pressure in the nip. A web treatment device (7) has a revolving contact surface (9) formed by a band (14) rotating around guide rollers (11-13). Another contact surface (10) is formed by an outer wall of the heatable roller, where the contact surfaces form a treatment gap (8). The band has an elastic surface that presses a paper or cardboard web against the heatable roller. The guide rollers control belt tension forces of the band in the gap.

IPC 8 full level

D21G 1/00 (2006.01)

CPC (source: EP US)

D21G 1/00 (2013.01 - EP US); **D21G 1/006** (2013.01 - EP US); **D21G 1/0066** (2013.01 - EP US)

Cited by

EP2492394A1; CN116534630A; EP2586911A1; EP2584093A1

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