

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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DOCDB simple family (publication)

**EP 2270280 A1 20110105; EP 2270280 B1 20130320**; AT E534767 T1 20111215; CA 2765126 A1 20110106; CN 102099527 A 20110615; CN 102099527 B 20121107; CN 102199894 A 20110928; CN 102199894 B 20130904; EP 2278067 A1 20110126; EP 2278067 B1 20111123; JP 2012531528 A 20121210; US 2012090801 A1 20120419; US 8545677 B2 20131001; WO 2011000529 A1 20110106; WO 2011000529 A8 20110421

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