

Title (en)

Process and calender for smoothing a fibrous web

Title (de)

Verfahren und Kalandrier zum Glätten einer Faserstoffbahn

Title (fr)

Procédé et calandre pour le lissage d' une bande fibreuse

Publication

EP 1318234 A3 20030910 (DE)

Application

EP 02024715 A 20021106

Priority

DE 10157690 A 20011124

Abstract (en)

[origin: DE10157690C1] The calender to polish the surfaces of a fiber web (2), especially of paper or cardboard, has a wide roller nip (4) to heat the web which is formed by the gap between a roller (5) and a rotating mantle (6), which are pressed together over a part of their circumference. A steam jet (12) is aligned at the web, as it emerges from the nip exit (11). The steam jet unit has at least one steam generator (13), to deliver a steam jet stream (17) backwards against the web. Steam can be applied to both web surfaces.

IPC 1-7

D21G 1/00

IPC 8 full level

D21G 1/00 (2006.01)

CPC (source: EP)

D21G 1/006 (2013.01); **D21G 1/0093** (2013.01)

Citation (search report)

- [A] WO 9007027 A1 19900628 - ESCHER WYSS GMBH [DE]
- [A] WO 0183883 A1 20011108 - METSO PAPER INC [FI], et al

Designated contracting state (EPC)

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DE 10157690 C1 20030220; DE 50207280 D1 20060803; EP 1318234 A2 20030611; EP 1318234 A3 20030910; EP 1318234 B1 20060621

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