

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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