

Title (en)

Method of closing an extended calendering nip and calendering arrangement

Title (de)

Verfahren zum Schließen eines verlängerten Glättspaltes und Glättanordnung

Title (fr)

Procédé pour fermer une pince de calandrage allongée et dispositif de calandrage

Publication

EP 1705287 A1 20060927 (DE)

Application

EP 05110684 A 20051114

Priority

DE 102005013627 A 20050324

Abstract (en)

Closing of an extended gap between a smoothing roller (2) and a lower counter roller (3) in a device for smoothing a fiber web (especially paper, board or tissue) in a papermaking or finishing machine is effected by bringing the roller mantle (4) before or during closure of the entire gap length by a tensioner (5,6,7) or by suction (8) onto a press surface of pressing element (5) so as to contact the mantle (4) with the counter roller (3). An independent claim is also included for a smoothing device operating as above and provided with tensioners or suction so as to guarantee that on closure the mantle (4) lies over its entire length on the surface of pressing element (5).

IPC 8 full level

D21G 1/00 (2006.01)

CPC (source: EP)

D21G 1/00 (2013.01); **D21G 1/002** (2013.01)

Citation (search report)

- [A] EP 1336686 A1 20030820 - VOITH PAPER PATENT GMBH [DE]
- [A] WO 03040472 A1 20030515 - METSO PAPER INC [FI], et al

Cited by

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Designated contracting state (EPC)

DE FI SE

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EP 1705287 A1 20060927; EP 1705287 B1 20080109; DE 102005013627 A1 20060928; DE 502005002496 D1 20080221

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