

Title (en)

Calender and method for satinizing a paper web

Title (de)

Kalander und Verfahren zum Satinieren einer Papierbahn

Title (fr)

Calandre et procédé pour le satinage d'une bande de papier

Publication

**EP 1318238 A3 20040102 (DE)**

Application

**EP 02026207 A 20021126**

Priority

DE 10159400 A 20011204

Abstract (en)

[origin: EP1318238A2] The calender roller assembly (1), to satinize the surfaces of a paper web, has a number of rollers with at least one hard roller (3,5,8) and at least one soft roller (2,4,6,7,9) forming nips (10-16) between them. At least one guide roller (26-28) deflects the web from its path through the calender, with no deflection roller in front of at least one nip (13,16). The hard rollers have a surface temperature of 80-100 degrees C. The web is moistened as it lies on a roller surface.

IPC 1-7

**D21G 1/00**

IPC 8 full level

**D21G 1/00** (2006.01)

CPC (source: EP)

**D21G 1/00** (2013.01)

Citation (search report)

- [XY] DE 1461226 A1 19690123 - KLEINWEFERS SOEHNE J
- [XY] US 3451331 A 19690624 - FREDRICKSON JOHN H, et al
- [Y] EP 0380427 A2 19900801 - MEASUREX CORP [US]
- [DA] DE 10000543 A1 20010719 - VOITH PAPER PATENT GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**EP 1318238 A2 20030611; EP 1318238 A3 20040102**; DE 10159400 A1 20030618

DOCDB simple family (application)

**EP 02026207 A 20021126**; DE 10159400 A 20011204