

Title (en)

Process and apparatus for making SC-A-paper online

Title (de)

Verfahren und Vorrichtung zur Online-Herstellung von SC-A-Papier

Title (fr)

Procédé et dispositif pour la fabrication de papier SC-A online

Publication

**EP 0957202 B1 20040331 (DE)**

Application

**EP 99100989 A 19990121**

Priority

- DE 19820606 A 19980508
- DE 19826899 A 19980617

Abstract (en)

[origin: EP0957202A2] An assembly for online production of supercalender paper, has a multi-nip soft calender (14) after the drying section of a papermaking machine and a number of roller pressure gaps (151-1511) where the paper web (3) passes through. An intermediate cooling station (2) is provided at the end of the drying section, to reduce the temperature of the paper web (3), followed by a steaming section (7) to increase the paper web's (3) moisture content. A steam delivery unit (19,19') is positioned directly in front of the first roller gap (151) of the supercalender (14), so that the paper web (3) is not balanced through the temperature and moisture increase of the steam action, when passing through the first roller gap (151).

IPC 1-7

**D21G 1/00**

IPC 8 full level

**D21F 7/00** (2006.01); **D21G 1/00** (2006.01); **D21G 7/00** (2006.01)

CPC (source: EP)

**D21F 7/008** (2013.01); **D21G 1/0093** (2013.01); **D21G 7/00** (2013.01)

Citation (examination)

- EP 0341457 A2 19891115 - KUESTERS EDUARD MASCHF [DE]
- FRANZ KAYSER: "REDEEMING OLD CALENDERS WITH NEW JANUS TECHNOLOGY", PAPER ASIA, vol. OCT.97, pages 18,20,21

Cited by

EP1199404A3; EP1357225A1; DE102017106047A1; CN108914678A; EP2682520A1; CN103526628A; EP1199404A2; WO2018141727A1; WO2019115440A1; EP1199404B2; EP2682520B1

Designated contracting state (EPC)

DE FI FR GB IT SE

DOCDB simple family (publication)

**EP 0957202 A2 19991117; EP 0957202 A3 19991222; EP 0957202 B1 20040331**

DOCDB simple family (application)

**EP 99100989 A 19990121**