

Title (en)

Heated roller and operating process

Title (de)

Temperierbare Walze und Verfahren zu ihrem Betrieb

Title (fr)

Rouleau chauffé et procédé de fonctionnement

Publication

EP 1389693 B1 20080326 (DE)

Application

EP 03016194 A 20030717

Priority

DE 10237632 A 20020816

Abstract (en)

[origin: EP1389693A2] The heated calender roll for paper and cardboard has an inlet (9) for heating medium which passes through one bearing (7), a central channel (6) and an outlet (10) which passes through the second bearing (8). A flow guide (17) with radial spokes adjusts the peripheral speed of flow of the medium to correspond to that of the roll.

IPC 8 full level

F16C 13/00 (2006.01); **D21F 5/02** (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP)

D21F 5/022 (2013.01); **D21G 1/0266** (2013.01)

Cited by

CN102400409A; CN103015109A; CN103015108A

Designated contracting state (EPC)

DE FI SE

DOCDB simple family (publication)

EP 1389693 A2 20040218; **EP 1389693 A3 20051214**; **EP 1389693 B1 20080326**; DE 10237632 A1 20040304; DE 10237632 B4 20041111; DE 50309449 D1 20080508

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