

Title (en)

Electrically heated calenderroll.

Title (de)

Elektrisch beheizbare Kalanderwalze.

Title (fr)

Rouleau pour calandre à chauffage électrique.

Publication

EP 0578971 B1 19950927 (DE)

Application

EP 93109338 A 19930611

Priority

DE 4220395 A 19920622

Abstract (en)

[origin: EP0578971A1] In order to be able to heat, without difficulty, using rod-shaped electric heating elements 5, a heatable calender roller 1 for processing web-like materials, such as paper, axially parallel channels 4 which are used for heating being situated beneath the peripheral surface of the roller body 2, the heating elements 5 are arranged in the channels 4 and, in order to obtain favourable heat transmission, the spaces between the inside surfaces of the channels and the casings of the heating elements are filled with a metal 6 and/or a metal alloy, the melting point of which is situated above the maximum surface temperature reached during operation by the heating element. <IMAGE>

IPC 1-7

D21G 1/02; **D21F 5/02**

IPC 8 full level

D21F 5/02 (2006.01); **D21G 1/02** (2006.01); **B21B 27/08** (2006.01)

CPC (source: EP US)

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AT DE FR GB IT SE

DOCDB simple family (publication)

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