

Title (en)
Calender for paper- or coating machine

Title (de)
Kalander in einer Papier- oder Streichmaschine

Title (fr)
Calandre pour machine à papier ou machine de couchage

Publication
EP 0775777 A3 19980429 (DE)

Application
EP 96117572 A 19961102

Priority
DE 29518424 U 19951121

Abstract (en)
[origin: JPH09170189A] PROBLEM TO BE SOLVED: To provide a calender suitable for operation by arranging in a paper machine or a coating machine, comprising rolls which are vertically arranged, supported in an roll bearing and have an elastic coated film. SOLUTION: This calender 1 comprises five or more rolls 2-9, in which each roll is equipped with an individual driving gear. The calender has at least two rolls 2 and 7 to be heated. The coated film of the elastic rolls 3, 5, 6 and 8 is made of a synthetic resin which can be brought into contact with a scraper blade 14. The calender has devices 15 and 16 for drawing in a transported belt 21 of a paper sheet.

IPC 1-7
D21G 1/00

IPC 8 full level
D21G 1/00 (2006.01)

CPC (source: EP US)
D21G 1/00 (2013.01 - EP US)

Citation (search report)

- [PX] DE 29518424 U1 19960314 - VOITH SULZER FINISHING GMBH [DE]
- [Y] DE 29504034 U1 19950504 - VOITH SULZER FINISHING GMBH [DE]
- [Y] US 3576912 A 19710427 - WINKLER DE LOSS E
- [A] US 3044392 A 19620717 - MINARIK RUDOLF G
- [A] GB 753958 A 19560801 - LUKENS STEEL CO

Cited by
WO9838382A1

Designated contracting state (EPC)
DE FI FR GB

DOCDB simple family (publication)
DE 29518424 U1 19960314; CA 2188607 A1 19970522; CA 2188607 C 19990511; DE 59610537 D1 20030724; EP 0775777 A2 19970528; EP 0775777 A3 19980429; EP 0775777 B1 20030618; JP 3036585 B2 20000424; JP H09170189 A 19970630; US 5784955 A 19980728

DOCDB simple family (application)
DE 29518424 U 19951121; CA 2188607 A 19961023; DE 59610537 T 19961102; EP 96117572 A 19961102; JP 30755596 A 19961119; US 74666396 A 19961114