Title (en)

Calender for paper webs or similar material

Title (de)

Kalanderanordnung für Bahnen aus Papier oder ähnlichem Material

Title (fr)

Calandre pour bandes de papier ou analogue

Publication

EP 0972879 A3 20000223 (DE)

Application

EP 99111849 A 19990619

Priority

DE 19832065 A 19980716

Abstract (en)

[origin: EP0979896A2] The calender assembly, for processing webs of paper and similar materials, has a stack of calender rollers on a plane (E) at an angle to the horizontal. The rollers are on the angled upper side of the pillars. At least one roller (6) is moved upwards by a setting mechanism (49), at right angles to the common roller plane (E). The setting mechanism (49) moves the roller (6) outwards sufficiently for it to be grasped directly at the roller ends by a crane (48), to be lifted upwards clear of the calender. The hydraulic setting mechanism (49) moves the roller (6) along a guide. The calender roller (6) has a bearing pedestal which is in a release fitting at a carrier lever (27) at the pillar. The setting mechanism (49) has a hydraulic cylinder and piston, along the roller carrier lever (27). The setting mechanism (49) has a trough to support an end of the roller (6), carried by a slide between the hydraulic cylinder and the lever (27), mounted to the piston. The removable roller (6) is a center roller in a roller stack. The common roller plane (E) is at an angle of 30-60 degrees to the horizontal or 45 degrees .

IPC 1-7

D21G 1/00

IPC 8 full level

D21G 1/00 (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP US)

D21G 1/00 (2013.01 - EP US); **D21G 1/0293** (2013.01 - EP US)

Citation (search report)

- [X] GB 921296 A 19630320 - MILLSPAUGH LTD
- [A] US 3154008 A 19641027 - HURTER ALFRED T
- [A] GB 2158116 A 19851106 - KLEINEWEFERS GMBH

Cited by

EP1114891A3; AT503751B1; EP1925731A1; DE202008011475U1; WO2006084955A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 99111849 A 19990619; AT 99111849 T 19990619; CA 2277593 A 19990715; DE 19832065 A 19980716; DE 59806192 T 19981130; DE 59905287 T 19990619; EP 98122735 A 19981130; US 35333999 A 19990715