

Title (en)
Calender.

Title (de)
Kalander.

Title (fr)
Calend्रे.

Publication
EP 0280038 A1 19880831 (DE)

Application
EP 88100912 A 19880122

Priority
DE 3702245 A 19870127

Abstract (en)
[origin: US4924772A] A calender wherein the intermediate rolls of a stack of rolls are mounted on pairs of levers pivotable on carriages which are movable up and down in vertical ways provided therefor in the frame. This renders it possible to change the levels of the intermediate rolls without any or without appreciable shifting of the centers of nips of neighboring rolls from a common vertical plane. The carriages are suspended on composite feed screws which can be rotated to move neighboring carriages nearer to or further away from each other.

Abstract (de)
Ein Kalander besitzt an Schwenkhebeln (38) befestigte Walzenlager (37) für Mittelwalzen (4, 5, 6). Die Schwenkhebel (38) sind an Lagerblöcken (40) schwenkbar gehalten, die jeweils längs einer vertikalen, gestellfesten Bahn (41) verstell- und positionierbar sind. Auf diese Weise kann eine Querverlagerung der Mittelwalzenachse im wesentlichen vermieden werden.

IPC 1-7
D21G 1/00

IPC 8 full level
D21G 1/00 (2006.01)

CPC (source: EP US)
D21G 1/002 (2013.01 - EP US)

Citation (search report)

- [X] DE 1150272 B 19630612 - VOITH GMBH J M
- [A] FR 1509957 A 19680119 - BLACK CLAWSON CO
- [A] DE 2452977 A1 19760513 - KLEINWEFERS IND CO GMBH
- [A] US 3948166 A 19760406 - WENZEL REINHARD
- [A] US 2985100 A 19610523 - LLOYD HORNBOSTEL

Cited by
DE20103034U1; GB2237295A; EP0330955A3; AT400858B; EP0285942B1

Designated contracting state (EPC)
AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)
US 4924772 A 19900515; AT E70321 T1 19911215; BR 8800295 A 19880906; CA 1298725 C 19920414; DE 3702245 A1 19880804; DE 3702245 C2 19890524; DE 3702245 C3 19931223; EP 0280038 A1 19880831; EP 0280038 B1 19911211; FI 880321 A0 19880125; FI 880321 A 19880728; FI 94067 B 19950331; FI 94067 C 19991231; JP H0316431 B2 19910305; JP S63196792 A 19880815

DOCDB simple family (application)
US 14735688 A 19880121; AT 88100912 T 19880122; BR 8800295 A 19880126; CA 557297 A 19880125; DE 3702245 A 19870127; EP 88100912 A 19880122; FI 880321 A 19880125; JP 1347288 A 19880122