

Title (en)
Calender

Title (de)
Kalander

Title (fr)
Calandre

Publication
EP 0890676 A1 19990113 (DE)

Application
EP 98110429 A 19980608

Priority
DE 19729531 A 19970710

Abstract (en)
The calender assembly, in a vertical stack of rollers forming nips between neighbouring rollers, has a control system to open and close the nips. The rollers (3-8) are set so that at least two opened nips (11-13) are between two closed nips (10, 14). Preferably the closed nips (10, 14) are formed by the two outer pairs of rollers (3, 4; 7, 8). The outermost rollers (3, 8) are bend adjustment rollers, and at least one of the rollers in the outer pairs (3, 4; 7, 8) is powered. All the rollers (3-8) have their own drives (29-34). Separate control is provided for at least the drives (31, 32) to the rollers (5, 6) flanking the opened nips (11-13). At one closed nip (10), one of the rollers (3, 4) for it is fixed to the columns, and the fixed roller (3) is the topmost in the assembly.

Abstract (de)
Es wird ein Kalander (1) angegeben mit mehreren Walzen (3-8), deren Achsen in einer Pressenebene (9) angeordnet sind, wobei jeweils benachbarte Walzen einen Nip (10-14) zwischen sich ausbilden, und mit einer Steuervorrichtung (36) zum Öffnen und Schließen der Nips. Bei einem derartigen Kalander möchte man die Flexibilität bei der Satinage von Materialbahnen mit geringem Aufwand erhöhen können. Hierzu sind die Walzen so einstellbar sind, daß sich zwischen zwei geschlossenen Nips mindestens zwei geöffnete Nips befinden. <IMAGE>

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D21G 1/00

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D21G 1/00 (2013.01 - EP KR US); **Y10S 162/10** (2013.01 - EP US)

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• [A] DE 19520109 C1 19960613 - VOITH SULZER FINISHING GMBH [DE]
• [PA] EP 0822289 A2 19980204 - VOITH SULZER FINISHING GMBH [DE]

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