

Title (en)

METHOD OF ADJUSTING A GUIDING ROLLER

Title (de)

EIN VERFAHREN ZUR JUSTIERUNG EINER LEITWALZE

Title (fr)

PROCEDE D'AJUSTAGE D'UN GALET DE GUIDAGE

Publication

EP 1385768 A1 20040204 (DE)

Application

EP 02716635 A 20020306

Priority

- DE 0200804 W 20020306
- DE 10112416 A 20010315

Abstract (en)

[origin: WO02074671A1] A guiding roller for reversing a material web comprises a lateral surface provided with holes (08) over at least a portion of the periphery thereof and comprises an inner space, which is supplied with compressed air and inside of which at least one piston (18, 19, 22, 23) for selectively occluding the holes can be axial displaced. The guiding roller additionally comprises a motor for displacing the piston and is provided with a control circuit that operates the motor whereby causing the piston to occupy a specified position that is defined by a control signal supplied to the control circuit. The guiding roller can pivot 90 DEG on the frame about a pivotal axis that is perpendicular to the longitudinal axis of the roller. A gear mechanism couples a rotational movement of the piston about the axis to the pivotal movement of the guiding roller.

IPC 1-7

B65H 23/24; **B65H 23/32**

IPC 8 full level

B65H 23/032 (2006.01); **B65H 23/035** (2006.01); **B65H 23/24** (2006.01); **B65H 23/32** (2006.01); **B65H 43/08** (2006.01)

CPC (source: EP US)

B65H 23/032 (2013.01 - EP US); **B65H 23/035** (2013.01 - EP US); **B65H 23/24** (2013.01 - EP US); **B65H 23/32** (2013.01 - EP US); **B65H 43/08** (2013.01 - EP US); **B65H 2406/111** (2013.01 - EP US); **B65H 2406/115** (2013.01 - EP US); **B65H 2406/14** (2013.01 - EP US); **Y10T 83/2068** (2015.04 - EP US); **Y10T 83/2209** (2015.04 - EP US); **Y10T 83/6588** (2015.04 - EP US)

Citation (search report)

See references of WO 02074671A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02074671 A1 20020926; AT E344775 T1 20061115; DE 10112416 C1 20021002; DE 50208652 D1 20061221; EP 1385768 A1 20040204; EP 1385768 B1 20061108; EP 1514821 A2 20050316; EP 1514821 A3 20050323; US 2004134321 A1 20040715; US 7073747 B2 20060711

DOCDB simple family (application)

DE 0200804 W 20020306; AT 02716635 T 20020306; DE 10112416 A 20010315; DE 50208652 T 20020306; EP 02716635 A 20020306; EP 04106503 A 20020306; US 46998204 A 20040203