

Title (en)
Web tension control device

Title (de)
Bahnspannungsregeleinrichtung

Title (fr)
Dispositif de réglage de la tension d'une bande

Publication
EP 0976674 B2 20060830 (DE)

Application
EP 99810654 A 19990720

Priority
DE 19834725 A 19980731

Abstract (en)
[origin: EP0976674A1] The rotation rate speed (revs) approaches a previously set, aimed-at or intended value. The controller is set for the intended rev. counter value (NSOLL) operated through the drive motor. The feed-path tension value is also set (FSOLL). A sensor measures the actual value of the paper tension (FIST) in the path. The tension controller is connected to this sensor and to the set intended values. The revolution speed controller is connected to the output (NSOLL) of the tension controller.

IPC 8 full level
B65H 23/188 (2006.01)

CPC (source: EP US)
B65H 23/188 (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2515/31** (2013.01 - EP US); **B65H 2557/12** (2013.01 - EP US)

Citation (opposition)
Opponent :
Der Druckspiegel, April 1975, Heft 4, Seiten 221-224

Cited by
EP1790601A3; EP1857279A3; EP1894871A3; DE102006061252A1; DE102005054785B4; EP1790601A2; EP1857279A2; US9617107B2; EP1990298A1; WO2007071312A1; WO2008077582A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0976674 A1 20000202; EP 0976674 B1 20040324; EP 0976674 B2 20060830; AT E262468 T1 20040415; DE 19834725 A1 20000203; DE 59908933 D1 20040429; US 6106177 A 20000822

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