

Title (en)

Drive control method for a paper web of a printing machine

Title (de)

Verfahren zur Regelung des Antriebes einer Papierbahn einer Druckmaschine

Title (fr)

Procédé pour réguler l'entraînement d'une bande de papier d'une machine à imprimer

Publication

EP 0933201 B1 20030924 (DE)

Application

EP 98101727 A 19980202

Priority

EP 98101727 A 19980202

Abstract (en)

[origin: EP0933201A1] During operation the drive rotates at a certain speed v and produces a drive torque. The speed v is lowered or raised in dependence on the load torque according to a load characteristic line so that the drive simultaneously sets the target speed and drive moment or web tension. A guide ideal value such as a speed or position ideal value is compensated according to the load characteristic line. The dependence between the change in the load moment and the lowering or raising of the speed can be linear or non-linear.

IPC 1-7

B41F 13/00; **B41F 13/004**; **B41F 13/02**; **B65H 23/188**

IPC 8 full level

B65H 23/192 (2006.01); **B41F 13/02** (2006.01); **B65H 23/188** (2006.01)

CPC (source: EP US)

B41F 13/02 (2013.01 - EP US); **B65H 23/188** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2515/32** (2013.01 - EP US)

Cited by

EP1790601A3; DE102009052330A1; EP2033917A3; DE102009010023A1; DE10225824A1; DE10225824B4; US6766737B2; US6499639B2; WO0242075A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0933201 A1 19990804; **EP 0933201 B1 20030924**; AT E250499 T1 20031015; CN 1154565 C 20040623; CN 1225312 A 19990811; DE 59809713 D1 20031030; DK 0933201 T3 20040209; ES 2208978 T3 20040616; JP H11314819 A 19991116; NO 322541 B1 20061023; NO 990473 D0 19990201; NO 990473 L 19990803; US 6213367 B1 20010410

DOCDB simple family (application)

EP 98101727 A 19980202; AT 98101727 T 19980202; CN 99101745 A 19990202; DE 59809713 T 19980202; DK 98101727 T 19980202; ES 98101727 T 19980202; JP 36933498 A 19981225; NO 990473 A 19990201; US 22363198 A 19981231