Title (en)

DEVICE FOR POSITIONING THE SLICE BAR

Publication

EP 0331812 B1 19920701 (DE)

Application

EP 88121062 A 19881216

Priority

DE 3808050 A 19880311

Abstract (en)

[origin: EP0331812A1] To achieve uniform and regular adjustment of a slice bar (1) within the limits of its elastic deformability, it is proposed that the slice bar (1) provided at the discharge gap of a headbox on a paper-making machine is capable of being moved by positioning elements (2) driven by servo-motors (5), the positioning elements being arranged at suitable intervals parallel to the slice bar (1) and connected to it so as to be able to apply a force to the connecting points (3) on the slice bar (1). It is possible to adjust each servo-motor (5) in a setting procedure to provide the currently-desired speed of thrust and the currently-desired length of stroke (6) for the positioning element (2) prior to the start up of the servo-motor (5). All the servo-motors (5) are started at the same time or, after the desired set-point position of the slice bar (1) has been reached, are switched off simultaneously. Electric stepping motors working in unison are particularly suitable for this purpose. The device and the setting procedure it offers are capable of being controlled and programmed by known electronic means. <IMAGE>

IPC 1-7

D21F 1/02; D21F 7/06

IPC 8 full level

D21F 1/02 (2006.01); **D21F 7/06** (2006.01)

CPC (source: EP US)

D21F 1/02 (2013.01 - EP US); **D21F 1/028** (2013.01 - EP US); **D21F 7/06** (2013.01 - EP US)

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AT FR GB SE

DOCDB simple family (publication)

EP 0331812 A1 19890913; **EP 0331812 B1 19920701**; AT E77857 T1 19920715; DE 3808050 A1 19890921; DE 3808050 C2 19891214; FI 88183 B 19921231; FI 88183 C 19930413; FI 890651 A0 19890210; FI 890651 A 19890912; US 4915789 A 19900410

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