

Title (en)
Thread braking device, in particular weft braking device for weaving looms

Title (de)
Fadenbremse, insbesondere Schlussfadenbremse für Webmaschinen

Title (fr)
Frein de fil, plus particulièrement frein de fil de trame pour métiers à tisser

Publication
EP 1136605 B1 20040929 (DE)

Application
EP 01103155 A 20010210

Priority
DE 10013625 A 20000318

Abstract (en)
[origin: EP1136605A2] The thread brake comprises a support (1), and two or more flexible elements (3,4) mounted on support to form a thread gap (G) for passing a thread. A gap width control is operatively connected to flexible element. The gap width control comprises a linear motor having a controllable linearly movable member (9), positioned to influence the flexible element for adjusting gap width and respective brake force. The linear motor further has a stator (8) fixed in position. The linear motor is a linearly stepping electric motor or a linear electric servo-motor. The controllable linearly movable member is an armature or a pneumatic piston. The stator is a linear elongated structural component or a curved structural component having a circular shape configuration of a sector portion.

IPC 1-7
D03D 47/34

IPC 8 full level
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CPC (source: EP US)
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