

Title (en)

Electromagnetic yarn brake and loom with such yarn brake

Title (de)

Elektromagnetische Fadenbremse und Webmaschine mit einer Fadenbremse

Title (fr)

Frein de fil électromagnétique et métier à tisser avec un tel frein de fil

Publication

EP 0756028 B1 20000119 (DE)

Application

EP 95810479 A 19950724

Priority

EP 95810479 A 19950724

Abstract (en)

[origin: EP0756028A1] An electro-magnetic thread brake has a stationary electro-magnet (1) comprising a coil, a core with an armature and a passive and an active braking agent, i.e. plate, which is coupled to the armature (4) to move against the passive agent when the electro-magnet is excited. The core (3) can be adjusted to vary the air gap between core and armature. Also claimed is a loom with the above brake where a thread tension sensor is located before the brake and connected with a controller for transmission of a signal for regulating the thread brake.

IPC 1-7

D03D 47/34; **B65H 59/24**; **B65H 59/22**

IPC 8 full level

B65H 59/22 (2006.01); **B65H 59/24** (2006.01); **D03D 47/34** (2006.01)

CPC (source: EP)

B65H 59/225 (2013.01); **B65H 59/24** (2013.01); **D03D 47/34** (2013.01); **B65H 2555/13** (2013.01); **B65H 2701/31** (2013.01)

Cited by

CN1098943C; BE1014435A5; CN105819275A; US6418977B1; WO02066354A3; WO0037721A1; WO9928228A1

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 0756028 A1 19970129; **EP 0756028 B1 20000119**; DE 59507651 D1 20000224

DOCDB simple family (application)

EP 95810479 A 19950724; DE 59507651 T 19950724