

Title (en)

Thread brake

Title (de)

Fadenbremse

Title (fr)

Frein de fils

Publication

EP 1785383 B1 20100310 (DE)

Application

EP 06021154 A 20020726

Priority

- EP 02801282 A 20020726
- DE 10150504 A 20011012

Abstract (en)

[origin: EP1785383A1] The yarn brake (B) has a brake blade (L) held by electromagnetic force against a fixed braking surface, at a swing flap (K) at the housing (1) so that the blade is detached from the braking surface when the flap is opened. A setting axis (S) gives the flap a controlled lifting movement, aligned on a geometrical pitch against the yarn path (W) to expose the yarn braking zone (12). At least one spring is at the under side of the flap to bear against the brake blade.

IPC 8 full level

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

CPC (source: EP KR US)

B65H 59/22 (2013.01 - EP US); **D03D 47/34** (2013.01 - EP KR US); **B65H 2301/531** (2013.01 - EP US); **B65H 2555/13** (2013.01 - EP US); **B65H 2601/321** (2013.01 - EP US); **B65H 2601/524** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

BE1018327A3; WO2010049128A1

Designated contracting state (EPC)

BE CH DE IT LI TR

DOCDB simple family (publication)

US 2005145290 A1 20050707; **US 7604024 B2 20091020**; AT E342220 T1 20061115; CN 100341759 C 20071010; CN 1568279 A 20050119; DE 10150504 A1 20030417; DE 50208432 D1 20061123; DE 50214275 D1 20100422; EP 1434730 A1 20040707; EP 1434730 B1 20061011; EP 1785383 A1 20070516; EP 1785383 B1 20100310; KR 100557369 B1 20060303; KR 20050013095 A 20050202; WO 03033385 A1 20030424

DOCDB simple family (application)

US 49221605 A 20050210; AT 02801282 T 20020726; CN 02820164 A 20020726; DE 10150504 A 20011012; DE 50208432 T 20020726; DE 50214275 T 20020726; EP 0208350 W 20020726; EP 02801282 A 20020726; EP 06021154 A 20020726; KR 20047005270 A 20020726