

Title (en)  
Compensating weft brake

Title (de)  
Schussfadenaussgleichsbremse

Title (fr)  
Frein compensateur de fil de trame

Publication  
**EP 1101851 B1 20040818 (EN)**

Application  
**EP 00124236 A 20001110**

Priority  
IT TO991008 A 19991119

Abstract (en)  
[origin: EP1101851A1] A compensating weft brake, comprising a brake body (20) which is crossed by a thread (F) and to which two oscillating arms (21-22) are articulated; the arms are kinematically coupled and actuated by an elastic means so as to divaricate; each arm has a plurality of ceramic thread guiding rings (24) which form a zigzag thread path. Each ring is rigidly coupled to the respective arm of the brake by a corresponding fork-like support which has a fork opening (26) for inserting the ring; the fork-like supports (25') have at least one continuous annular support wall directed towards the inner side of the arms (21-22) in order to react to the radial forces applied by the respective thread guiding rings (24) and discharge them onto the corresponding arm (21-22) of the brake in order to prevent the accidental separation of the thread guiding ring (24) from the respective support (25'). <IMAGE>

IPC 1-7  
**D03D 47/34**; **B65H 59/28**

IPC 8 full level  
**B65H 51/22** (2006.01); **B65H 59/32** (2006.01); **D03D 47/34** (2006.01)

CPC (source: EP)  
**B65H 59/32** (2013.01); **D03D 47/34** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
EP3594386A1; CN109267219A; CN110803582A

Designated contracting state (EPC)  
BE CH DE LI SE

DOCDB simple family (publication)  
**EP 1101851 A1 20010523**; **EP 1101851 B1 20040818**; DE 60013067 D1 20040923; DE 60013067 T2 20050210; IT 1311453 B1 20020312; IT TO991008 A0 19991119; IT TO991008 A1 20010519

DOCDB simple family (application)  
**EP 00124236 A 20001110**; DE 60013067 T 20001110; IT TO991008 A 19991119