

Title (en)

Anti-balloon device for weaving loom weft feeders

Title (de)

Ballonbegrenzer für eine Schussfadensföhrvorrichtung in Webmaschinen

Title (fr)

Dispositif anti-ballon pour les fournisseurs de trame de métiers à tisser

Publication

**EP 1132510 B1 20041110 (EN)**

Application

**EP 01104568 A 20010305**

Priority

IT TO20000219 A 20000310

Abstract (en)

[origin: EP1132510A2] In a weft feeder (1) comprising a fixed drum (2) on which a rotating arm (3) winds a weft reserve (RT) whose turns unwind from the drum (2), passing through a terminal thread guide (G) under the control of a braking means (4), an anti-balloon device (5) constituted by a frustum-shaped ring (5a) whose smaller diameter is slightly larger than the diameter of the feeder drum (2); the ring is fitted on the drum and is arranged directly ahead of the braking means (4), and the ring (5a) is connected, by way of pivoting means (6) with controlled rotation, to the structure of the feeder (1) so that it can be inclined at an angle to the longitudinal axis of the drum (2) in order to pass from an active position, in which the ring is at right angles to the axis of the drum (2), to a position for threading the feeder (1), in which the ring is inclined at an angle with respect to the drum axis. <IMAGE>

IPC 1-7

**D03D 47/34**; **B65H 51/22**; **B65H 57/22**

IPC 8 full level

**B65H 51/22** (2006.01); **B65H 57/22** (2006.01); **D03D 47/34** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)

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