

Title (en)

Braking means of self-adjusting thread braking devices for weft feeders

Title (de)

Bremse für eine selbstregulierende Fadenbremse einer Schussfadenliefervorrichtung

Title (fr)

Moyens de freinage d'un frein de fil autoréglable pour fournisseur de trame

Publication

**EP 1164103 A3 20021106 (EN)**

Application

**EP 01111992 A 20010522**

Priority

IT TO20000514 A 20000602

Abstract (en)

[origin: EP1164103A2] A braking means (15') for self-adjusting thread braking devices (14) of weft feeders which comprises a first frustum-shaped body (150), which is substantially flexible both radially and axially, and a second frustum-shaped body (151) which is fitted over the first one and is arranged axially only in the region downstream of the drum of the feeder, over a portion (T) having a suitable length, and is adapted to give the portion of the body of the braking means (15') the rigidity that is necessary and sufficient to transmit to the region of tangency of the body with the drum of the feeder the action applied by the elastic means which press on the braking means (15'). <IMAGE>

IPC 1-7

**B65H 51/22**

IPC 8 full level

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

CPC (source: EP)

**D03D 47/366** (2013.01)

Citation (search report)

- [A] WO 9838124 A1 19980903 - IRO AB [SE], et al
- [A] DE 29721718 U1 19990408 - IRO PATENT AG [CH]
- [A] WO 9412420 A1 19940609 - ROJ ELECTROTEX NUOVA SRL [IT], et al
- [A] US 5673729 A 19971007 - MAINA BRUNO [IT], et al

Cited by

WO2006032376A1; WO2006045410A1; EP2213776A1

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