

Title (en)

Improvement to self-adjusting thread braking devices for weft feeders

Title (de)

Selbsteinstellende Fadenbremsvorrichtungen für Fadenliefervorrichtungen

Title (fr)

Dispositifs de freinage de fil autoréglables pour fournisseurs de fil

Publication

EP 0867390 A3 19981216 (EN)

Application

EP 97120349 A 19971120

Priority

IT TO960967 A 19961129

Abstract (en)

[origin: EP0867390A2] The device comprises: a frustum-shaped braking body (16); means (18-19) for elastically suspending the frustum-shaped body and for pushing it elastically into tangent contact engagement with the drum (11) of the weft feeder (10); and a retention element (23) made of flexible material, which is associated with the suspension ring (19) of the frustum-shaped braking body (16) and is adapted to elastically engage, by abutment, the outer surface (S) of the frustum-shaped braking body in order to limit its axial movements. The retention element is constituted by a ring (23) made of soft, natural or synthetic elastomeric material, advantageously having a cellular structure. <IMAGE>

IPC 1-7

B65H 1/00

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] EP 0652312 A1 19950510 - LGL ELECTRONICS SPA [IT]
- [A] US 5546994 A 19960820 - SARFATI ALBERTO G [IT]
- [A] EP 0330951 A1 19890906 - LGL ELECTRONICS SPA [IT]
- [A] EP 0534263 A1 19930331 - LGL ELECTRONICS SPA [IT] & IT 1251209 B 19950504 - LGL ELECTRONICS SPA

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BE1025536B1; WO2019048158A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0867390 A2 19980930; EP 0867390 A3 19981216; EP 0867390 B1 20020327; DE 69711362 D1 20020502; DE 69711362 T2 20021107; IT 1289696 B1 19981016; IT TO960967 A1 19980529

DOCDB simple family (application)

EP 97120349 A 19971120; DE 69711362 T 19971120; IT TO960967 A 19961129