

Title (en)
Fadenbremse

Title (de)
Fadenbremse

Title (fr)
Frein de fil textile

Publication
EP 0906885 A3 20001025 (DE)

Application
EP 98116792 A 19980905

Priority
DE 19743573 A 19971002

Abstract (en)
[origin: EP0906885A2] The tensioner has convex-faced washers (10) pressed together, passing the thread, with a central opening (44) through which bearing pins (20) pass and upon which the washers rotate. A U-shaped holder (19) has limbs (21) either side of the tensioner, which carry the bearing sections. An Independent claim is included for the yarn supply unit, including the tension controller and supply drum. Preferred features: The holder is a bent piece of wire including formed bearing eyes. It has two parallel sections with adjustable projection from its mounting (14). One end of the holder is oscillated under spring loading, coupled into the holder. One of the limbs is bent or offset. The bearing is detachable from the holder and adjustable on it. The bearing section is approximately U-shaped. Its frame is clipped onto the holder. It can be held fixed in a working position, or folded-back. A region on the frame (40) supports the tensioner. The frame is detachably clamped to the holder and has divided construction. Further structural details include the plastic bearing section, earthing and thread guidance.

IPC 1-7
B65H 59/22; **D04B 15/44**; **D04B 15/48**

IPC 8 full level
B65H 59/22 (2006.01); **D04B 15/44** (2006.01); **D04B 15/48** (2006.01); **F16D 63/00** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
• [DA] DE 4409450 A1 19950921 - MEMMINGER IRO GMBH [DE]
• [DA] DE 4301507 A1 19940811 - MEMMINGER IRO GMBH [DE]
• [A] US 1424124 A 19220725

Cited by
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EP 0906885 A2 19990407; **EP 0906885 A3 20001025**; **EP 0906885 B1 20030416**; AR 010948 A1 20000712; BR 9803855 A 20000308; BR 9803855 C1 20001114; CN 1064644 C 20010418; CN 1213718 A 19990414; CO 4840533 A1 19990927; CZ 319398 A3 19990414; DE 19743573 A1 19990415; DE 59807945 D1 20030522; EA 000426 B1 19990624; EA 199800788 A1 19990429; EG 22266 A 20021130; ES 2192723 T3 20031016; HK 1019346 A1 20000203; ID 21007 A 19990408; JP 2950820 B2 19990920; JP H11165953 A 19990622; KR 100308840 B1 20011228; KR 19990036762 A 19990525; MY 133051 A 20071031; PE 117099 A1 19991213; PL 186630 B1 20040227; PL 328557 A1 19990412; PT 906885 E 20030829; SG 72862 A1 20000523; TR 199801979 A2 19990421; TR 199801979 A3 19990421; TW 419542 B 20010121; UA 44839 C2 20020315; US 6135382 A 20001024

DOCDB simple family (application)
EP 98116792 A 19980905; AR P980104930 A 19981002; BR 9803855 A 19980930; CN 98120814 A 19980930; CO 98054617 A 19980922; CZ 319398 A 19981002; DE 19743573 A 19971002; DE 59807945 T 19980905; EA 199800788 A 19981001; EG 117998 A 19980929; ES 98116792 T 19980905; HK 99104369 A 19991006; ID 981275 A 19980922; JP 27266398 A 19980928; KR 19980041344 A 19981001; MY PI9804379 A 19980924; PE 00090298 A 19980922; PL 32855798 A 19980914; PT 98116792 T 19980905; SG 1998003591 A 19980909; TR 9801979 A 19981002; TW 87116206 A 19980930; UA 98095181 A 19980930; US 16473998 A 19981001