

Title (en)

Thread cutter for looms with fixed weft yarn reserve and with inserted dummy shuttles.

Title (de)

Fadenabschneider für Webmaschinen mit fester Fadenreserve und mit Blindschützen.

Title (fr)

Dispositif coupe-fil pour métiers à tisser du type à réserves de trame fixes et à organes passe-trame lancé.

Publication

EP 0285529 A1 19881005 (FR)

Application

EP 88420089 A 19880311

Priority

FR 8703701 A 19870313

Abstract (en)

[origin: US4858657A] A yarn cutting device for weaving looms having fixed reserves of weft and which operate with a gripper type weft-carrying shuttle wherein the shuttle supports a guiding member which carries the yarn towards the shed on the side of the loom. The guiding member includes two metal plates mounted between two resilient shims which allow the plates to be forced apart to receive a blade moved vertically into the path of the guiding member as the shuttle enters the shed to thereby sever the yarn. In an alternate embodiment, the guiding member is fixed adjacent the shed and the blade is carried by the shuttle.

Abstract (fr)

La fausse-navette (1) supporte sur le côté un organe de guidage (9) comprenant deux plaquettes métalliques (12) associées à des cales élastiquement déformables (13) qui permettent l'engagement, entre lesdites plaquettes, d'une lame (14) animée d'un mouvement vertical alternatif pour autoriser la sortie de la fausse-navette hors de la foule et coopérer au contraire avec l'organe (9) lors de son entrée dans celle-ci, le fil (7) étant ainsi sectionné quels que soient son diamètre et sa résistance.

IPC 1-7

D03D 47/36; **D03D 49/70**; **D03D 47/20**

IPC 8 full level

D03D 47/20 (2006.01); **D03D 47/36** (2006.01); **D03D 49/70** (2006.01)

CPC (source: EP US)

D03D 47/20 (2013.01 - EP US); **D03D 49/70** (2013.01 - EP US)

Citation (search report)

- [AD] FR 2087725 A5 19711231 - FABRE AIME
- [A] FR 1034646 A 19530728 - PROTOTYPA
- [AD] FR 2202965 A1 19740510 - FABRE AIME [FR]

Cited by

EP0388336A1; FR2644480A1

Designated contracting state (EPC)

DE ES GB IT SE

DOCDB simple family (publication)

EP 0285529 A1 19881005; **EP 0285529 B1 19910508**; DE 3862667 D1 19910613; ES 2022685 B3 19911201; FR 2612207 A1 19880916; FR 2612207 B1 19890616; US 4858657 A 19890822

DOCDB simple family (application)

EP 88420089 A 19880311; DE 3862667 T 19880311; ES 88420089 T 19880311; FR 8703701 A 19870313; US 16296188 A 19880302