

Title (en)

Cutting device for weft yarns and loom with such device

Title (de)

Schneidvorrichtung für Schussfäden und Webmaschine mit einer solchen Vorrichtung

Title (fr)

Dispositif de coupe pour fils de trame et métier à tisser avec un tel dispositif

Publication

EP 0625601 B1 19970115 (DE)

Application

EP 93810376 A 19930521

Priority

EP 93810376 A 19930521

Abstract (en)

[origin: EP0625601A1] The device has a positionally stable rotating cutting member (1) and a rotating cutting member (2) moveable relatively thereto, which are connected non-positively by means of a force accumulator (8) and which rotate in opposition. The moveable cutting member (2) is mounted freely rotatably on a shaft (6) held fixedly in rotation in diaphragm springs (11) which are elastically deformable in the axial direction, in order to compensate the lateral deflections of the rotating positionally stable cutting member (1), thereby lengthening the service life of the cutting edges. The device is especially suitable for an in-line shed loom, because a high cutting rate can be achieved. <IMAGE>

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP US)

D03D 47/125 (2013.01 - EP US); **D03D 49/70** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

BE DE FR IT

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EP 0625601 A1 19941123; **EP 0625601 B1 19970115**; DE 59305157 D1 19970227; JP H0748762 A 19950221; US 5469896 A 19951128

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