

Title (en)

Cutting device for a loom and method for operating the same

Title (de)

Schneidvorrichtung für eine Webmaschine und Verfahren zum Betrieb derselben

Title (fr)

Dispositif de coupe pour une machine à tisser et son procédé de fonctionnement

Publication

EP 2034061 B1 20100901 (DE)

Application

EP 08161824 A 20080805

Priority

- EP 07116005 A 20070910
- EP 08161824 A 20080805

Abstract (en)

[origin: EP2034061A1] The device (10) has a cutter (12.1) provided on a cutter support (11.1). A cutter (12.2) is provided on a movable and guidable cutter support (11.2) e.g. lever arm. A drive cooperates with the moveable cutter support, and contains a pneumatic actuator e.g. rotor/cylinder unit (14) or pneumatic rotary drive, and a spring (15) e.g. compression spring, to separate a weft thread (2) inserted or incorporated in a shed. The spring is stretchable by the pneumatic actuator, and the cutters are closable by the force effect of the spring. An independent claim is also included for a method for separating a weft thread.

IPC 8 full level

D03D 49/70 (2006.01)

CPC (source: EP US)

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Cited by

CN105177824A; CN104593936A

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EP 2034061 A1 20090311; EP 2034061 B1 20100901; CN 101387038 A 20090318; DE 502008001238 D1 20101014; JP 2009068157 A 20090402; US 2009065089 A1 20090312

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