

Title (en)

Shedding mechanism and loom with such a mechanism

Title (de)

Fachbildungsmechanismus und Webmaschinen mit einem solchen Mechanismus

Title (fr)

Mécanisme de formation de la foule et métier à tisser équipé d'un tel mécanisme

Publication

EP 1413657 B1 20091202 (FR)

Application

EP 03356165 A 20031024

Priority

FR 0213389 A 20021025

Abstract (en)

[origin: EP1413657A1] The shed-forming mechanism for a Jacquard loom consists of a series of hooks (13) moved by a blade between a top position in which it can be stopped by a selector and a bottom position. Each hook comprises a body (20) and a projecting tip (202) that interacts with the blade, and is additionally equipped with a metal strip (21) that interacts with the selector (16). The strip is attached to the body of the hook and capable of a relative displacement (F3) in the selector zone, the body being made from a synthetic material that is overmoulded onto part (211) of the strip and is supple enough to adapt to faults in the trajectories of the body and blade. The strip is able to slide in a housing and has an aperture that engages with a projection on the selector.

IPC 8 full level

D03C 1/00 (2006.01); **D03C 3/24** (2006.01); **D03C 3/00** (2006.01); **D03C 3/06** (2006.01); **D03C 3/20** (2006.01)

CPC (source: EP KR US)

D03C 3/00 (2013.01 - KR); **D03C 3/06** (2013.01 - EP US); **D03C 3/20** (2013.01 - EP US); **D03C 3/24** (2013.01 - EP US)

Cited by

EP4015686A1; FR3118069A1; EP4015687A1; FR3118070A1; EP1852531A1; FR2900666A1; US7490633B2; EP1619279A1; EP3109352A1; EP3722469A1; FR3094725A1; US11702771B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1413657 A1 20040428; EP 1413657 B1 20091202; AT E450638 T1 20091215; CN 100336954 C 20070912; CN 1498995 A 20040526; DE 60330301 D1 20100114; FR 2846343 A1 20040430; FR 2846343 B1 20041217; JP 2004143660 A 20040520; JP 4377199 B2 20091202; KR 101132252 B1 20120402; KR 20040036650 A 20040430; RU 2003131348 A 20050520; RU 2264486 C2 20051120; US 2004079433 A1 20040429; US 7017618 B2 20060328

DOCDB simple family (application)

EP 03356165 A 20031024; AT 03356165 T 20031024; CN 200310115669 A 20031024; DE 60330301 T 20031024; FR 0213389 A 20021025; JP 2003364730 A 20031024; KR 20030074515 A 20031024; RU 2003131348 A 20031024; US 68776203 A 20031020