

Title (en)

Shedding mechanism, three-position shedding mechanism and loom with such a mechanism

Title (de)

Fachbildemechanismus, Dreipositions-Fachbildemechanismus und Webmaschine mit einem solchen Fachbildungsmechanismus

Title (fr)

Mécanisme de formation de la foule, mécanique d'armure à trois positions et métier à tisser équipé d'une telle mécanique

Publication

EP 1619279 A1 20060125 (FR)

Application

EP 05356124 A 20050718

Priority

FR 0407980 A 20040719

Abstract (en)

The shed forming mechanism for a three-position Jacquard loom has two selectively-activated electromagnets (4, 5) located one above the other, retaining levers (21, 21', 22, 22'), pairs of hooks (11, 12, 11', 12') and a mobile cutter (13'). In each pair of hooks a first hook (11, 11') has a body (111) designed to apply a simple pressure against the cutter and a flexible metal or plastic vane (113, 113') that is designed to interact with a retaining lever (21, 21'). The second hook (12, 12') in each pair has a body (121) designed to apply a simple pressure against the first hook's body and a flexible vane (123, 123') that interacts with the other retaining lever (22, 22'). Each vane is fixed to the corresponding body with a possible clearance (F3) between the two.

IPC 8 full level

D03C 3/12 (2006.01); **D03C 3/20** (2006.01)

CPC (source: EP)

D03C 3/12 (2013.01); **D03C 3/20** (2013.01)

Citation (applicant)

- EP 0839937 A1 19980506 - STAUBLI LYON [FR]
- EP 0899367 A1 19990303 - STAUBLI LYON [FR]
- EP 1413657 A1 20040428 - STAUBLI LYON [FR]

Citation (search report)

- [AD] US 5996648 A 19991207 - HIMMELSTOSS MICHAEL [FR]
- [A] US 5881777 A 19990316 - BASSI DARIO [FR], et al
- [A] US 2004079433 A1 20040429 - BASSI DARIO [FR], et al

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DOCDB simple family (application)

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