

## Title (en)

Method and device for the selection of the mobile hooks of a shedding mechanism and jacquard loom

## Title (de)

Verfahren und Vorrichtung zur Wahl der beweglichen Haken einer Fachbildungsvorrichtung sowie Jacquardwebmaschine

## Title (fr)

Procédé et dispositif de sélection des crochets mobiles d'un mécanisme de formation de la foule et métier à tisser du type jacquard

## Publication

**EP 0823501 A1 19980211 (FR)**

## Application

**EP 97420133 A 19970728**

## Priority

FR 9610083 A 19960806

## Abstract (en)

In the selection of the moving hooks, in the shed harness of a Jacquard loom, a force (F3) is applied to the hook (9) at or near its top dead position to move it towards the bottom dead position. Also claimed is a hook selection mechanism, which has elastic butts (20,21) which give the force (F3) applied to the hook (9) at or near its top dead position to move it towards the bottom dead position. Preferably the force (F3) is equal to the friction forces (F1,F2) produced by the grip (15,24) on the needle (9) and the inertia forces. Two hooks (9) are displaced alternately by two griffes (10) in opposing phases. Elastic butts (20,21), acting on the hooks, have a lever which can be moved against spring pressure by the hook (9) on reaching its top dead position through the action of the hook on the lever shape. The lever (20) is a simple support, to turn on two axes (21) under spring pressure, which can be a torsion spring. The elastic butts (20,21) are part of the module forming the election system of a number of modules side by side with the hooks.

## Abstract (fr)

Procédé de sélection des crochets mobiles d'un mécanisme de formation de la foule (7) d'un métier à tisser de type Jacquard comprenant au moins un crochet (9) déplacé par un couteau (10) entre une position de point mort haut, dans ou à proximité de laquelle ledit crochet peut être immobilisé par un dispositif de sélection (15, 16), et une position de point mort bas, caractérisé en ce qu'il consiste à exercer sur ledit crochet, dans sa position de point mort haut ou à proximité de celle-ci, un effort tendant à pousser ledit crochet vers sa position de point mort bas. Le dispositif comprend des moyens de butée élastique (20-23) du crochet (9) dans sa position de point mort haut. <IMAGE>

## IPC 1-7

**D03C 3/24**

## IPC 8 full level

**D03C 3/20** (2006.01); **D03C 1/14** (2006.01); **D03C 3/24** (2006.01); **D03C 3/32** (2006.01)

## CPC (source: EP KR US)

**D03C 3/16** (2013.01 - KR); **D03C 3/24** (2013.01 - EP US)

## Citation (search report)

- [X] DE 3724686 A1 19890202 - SCHLEICHER OSKAR FA [DE]
- [X] FR 2587045 A1 19870313 - STAUBLI VERDOL [FR]
- [A] DE 3524569 A1 19870122 - HEROLD WOLFGANG

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## Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI PT

## DOCDB simple family (publication)

**EP 0823501 A1 19980211**; **EP 0823501 B1 20011107**; **EP 0823501 B2 20080227**; AT E208442 T1 20011115; CN 1084809 C 20020515; CN 1176322 A 19980318; DE 69707995 D1 20011213; DE 69707995 T2 20020404; DE 69707995 T3 20080911; ES 2163727 T3 20020201; ES 2163727 T5 20080616; FR 2752246 A1 19980213; FR 2752246 B1 19981009; JP 3575960 B2 20041013; JP H1096134 A 19980414; KR 100403262 B1 20040211; KR 19980018399 A 19980605; PT 823501 E 20020429; TW 380176 B 20000121; US 5839481 A 19981124

## DOCDB simple family (application)

**EP 97420133 A 19970728**; AT 97420133 T 19970728; CN 97117466 A 19970805; DE 69707995 T 19970728; ES 97420133 T 19970728; FR 9610083 A 19960806; JP 21091297 A 19970805; KR 19970037410 A 19970805; PT 97420133 T 19970728; TW 86112490 A 19970901; US 90330197 A 19970730