

Title (en)
Method of producing a heddle, heddle and shed forming device for a loom

Title (de)
Verfahren zur Herstellung einer Weblitze, Weblitze und Fachbildungsvorrichtung für eine Webmaschine

Title (fr)
Procédé de fabrication d'une lisse, lisse et dispositif de formation de la foule pour métier à tisser

Publication
EP 0947620 B2 20080709 (FR)

Application
EP 99420081 A 19990330

Priority
FR 9804264 A 19980331

Abstract (en)
[origin: EP0947620A1] A Jacquard loom heddle is made by longitudinally slitting a wire (20), opening the slit (24) and permanently fixing a warp thread guide eyelet (22) in the slit. A process for making a heddle, for coupling between an elastic return mechanism and a harness cord of a Jacquard type weaving loom, comprises (a) forming a longitudinal slit (24) in a single strand wire-like element (20); (b) separating the slit edges (24a, b) by deformation; (c) positioning a warp thread guide eyelet (22) between the separated edges; and (d) permanently fixing the eyelet in the slit. Independent claims are also included for a heddle gathering device in a Jacquard loom, made by the above process, a Jacquard loom harness heddle comprising a rod (20) with an open slit (24) in which a warp thread guide eyelet (22) is permanently fixed, a Jacquard loom gathering device including a heddle as described above.

IPC 8 full level
D03C 9/02 (2006.01); **D03C 9/04** (2006.01)

CPC (source: EP)
D03C 9/02 (2013.01); **D03C 9/024** (2013.01)

Citation (opposition)
Opponent :

- DE 1950903 A1 19700430 - BRAECKER AG
- EP 0403429 A1 19901219 - SULZER AG [CH]
- WO 8000719 A1 19800417 - BRAECKER AG [CH], et al
- CH 573993 A5 19760331 - STAEUBLI AG

Cited by
EP2505700A1; CN104153090A; EP1908863A1; CH695240A5; EP1252944A3; WO2010105314A2; EP2166138A1; EP2166139A1; US7963301B2

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0947620 A1 19991006; EP 0947620 B1 20030312; EP 0947620 B2 20080709; CN 1128256 C 20031119; CN 1230609 A 19991006; DE 69905782 D1 20030417; DE 69905782 T2 20040408; ES 2189368 T3 20030701; FR 2776676 A1 19991001; FR 2776676 B1 20000526; JP H11315441 A 19991116

DOCDB simple family (application)
EP 99420081 A 19990330; CN 99104527 A 19990331; DE 69905782 T 19990330; ES 99420081 T 19990330; FR 9804264 A 19980331; JP 8929599 A 19990330