

Title (en)
Heddle and method of producing a heddle

Title (de)
Weblitze und Verfahren zur Herstellung einer Weblitze

Title (fr)
Lisse et procédé de fabrication d'une lisse

Publication
EP 1252944 B1 20070606 (DE)

Application
EP 02002314 A 20020131

Priority
CH 3702001 A 20010228

Abstract (en)
[origin: EP1252944A2] The integral blank (1) includes an outline having two bulged portions (4a,4b) and a center narrow portion (2). The top corner area near the narrow portion, is rounded or flattened, having an angular aperture of 20-120 degrees . A loop is formed between two separate stands of blank, along the narrow portion. <??>An additional tension-thread-guard is inserted in loop enclosed by blank strands that are notched at outer side contour line. The blank of dumbbell-shape or double-arched roof type is obtained by cold rolling of spring materials, cut-off wire or steel springs. The tensile strength of blank is 900N/mm<2>-2500N/mm<2> or 1100N/mm<2>-1500N/mm<2>. The edge portion of cores fastening edged loop or integral molding edged loop, is straight. The radius of curvature (R1) at outline area of narrow portion is 0.1-0.5mm. The width (b1) of outline of blank is 2.6mm, while the width of (b2) of narrow portions is 0.6mm. An Independent claim is included for a method of manufacture of heddle which involves inserting an additional tension-thread-guard into a loop by one-touch, and adhesion junction is soldered or welded. The loop is formed between two separate strands of blank .

IPC 8 full level
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CPC (source: EP)
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EP1908863A1; EP3591104A1; EP2166138A1; EP2166139A1; US7963301B2

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