

Title (en)
Weaving heald, in particular for high speed weaving machines

Title (de)
Weblitze, insbesondere für schnell laufende Webmaschinen

Title (fr)
Lisse de tissage pour métier à tisser à grande vitesse

Publication
EP 1743966 B1 20090930 (DE)

Application
EP 06012248 A 20060614

Priority
DE 102005033175 A 20050713

Abstract (en)
[origin: US2007028985A1] An improved heald consists of a flat material, such as tempered steel. It has closed (O-shaped) end eyelets (5, 6) which are one-piece parts of the heald body (4). An edge (10) which extends along the full length of the heald (1), is of entirely straight configuration. In contrast, the oppositely-located edge (11) consists of offset straight portions. A particularity of the heald according to the invention resides in the fact that the openings (15, 16) provided in the end eyelets (5, 6) for receiving the shaft staves are eccentrically arranged, whereby the two webs (17, 18) bordering the openings (15, 16) have unlike widths. With a reduced material input and weight a heald is obtained which, as concerns stability and possibility of utilization in existing weaving systems is at least equivalent to conventional healds.

IPC 8 full level
D03C 9/02 (2006.01)

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Cited by
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US 2007028985 A1 20070208; US 7287554 B2 20071030; AT E444386 T1 20091015; CN 1896353 A 20070117; CN 1896353 B 20110112; DE 102005033175 B3 20061130; DE 502006004959 D1 20091112; EP 1743966 A1 20070117; EP 1743966 B1 20090930; JP 2007023471 A 20070201; JP 4362498 B2 20091111; KR 100838102 B1 20080613; KR 20070008457 A 20070117; RU 2006125156 A 20080120; RU 2324777 C2 20080520; TW 200722569 A 20070616; TW I313717 B 20090821

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