

Title (en)  
Weaving reed and lamella

Title (de)  
Webblatt und Lamelle

Title (fr)  
Peigne de tissage et lamelle

Publication  
**EP 1318220 A1 20030611 (DE)**

Application  
**EP 02028178 A 19990609**

Priority  
• BE 9800446 A 19980610  
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• BE 9800649 A 19980904  
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Abstract (en)  
The reed (20) for a high speed loom has a number of adjacent blades (21) in a row, held by an upper profile (8) and the lower reed profile (22) secured to the sley beam (12). The blades (21) have a section extending from the lower profile (22) in a width of about 6 mm and the width of the upper blade section is about 4 mm. <?>The blades (21) have a U-shaped recess, to form a weft guide channel (5) in the center section. The bottom section of the blades (21) have a rectangular shape within the lower profile (22), with a width of about 6 mm, and the upper blade sections have a rectangular shape with a width of about 4 mm within the upper profile (8). The leading edges (32,13) of the lower (14) and upper (16) sections of the blade (21) form a beat-up edge (31) at the recess. The blade (21) has a straight edge between the upper (8) and lower (22) profiles, at the side away from the weft guide channel (5). The bottom of the blade can be in a wedge shape, to match the wedge shape of the lower profile. The tapering wedge has a reducing width from the open side of the profile over a length which is one-third to one-half of the profile depth, leading into a rectangular shape with a reduced width. The length of the rectangular section is about equal to the length of the tapering wedge shape.

Abstract (de)  
Bei einem Webblatt (60) mit einer Vielzahl von in einer Reihe nebeneinander angeordneten Lamellen (61), deren Enden in einem unteren Profil (62) und in einem obere Profil (8) gehalten sind, wird vorgesehen, daß die Lamellen wenigstens in einem aus dem unteren Profil herausragenden Abschnitt eine Breite von etwa 6 mm und in einem oberen Abschnitt eine Breite von etwa 4 mm aufweisen. <IMAGE>

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CPC (source: EP US)  
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• [A] DE 8130278 U1 19820311  
• [A] FR 2688520 A1 19930917 - BURCKLE CIE SA ETS [FR]  
• [A] BE 1010333 A3 19980602 - PIKANOL NV [BE]  
• [A] US 4529014 A 19850716 - RAST JOHN L [US], et al  
• [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 435 (C - 0760) 18 September 1990 (1990-09-18)

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**WO 9964654 A1 19991216**; DE 59907557 D1 20031204; DE 59910957 D1 20041202; DE 59914449 D1 20070920; EP 1086267 A1 20010328; EP 1086267 B1 20031029; EP 1318220 A1 20030611; EP 1318220 B1 20041027; EP 1500732 A2 20050126; EP 1500732 A3 20050511; EP 1500732 B1 20070808; JP 2002517633 A 20020618; JP 4553486 B2 20100929; US 6401762 B1 20020611

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