Title (en)

WEAVING LOOM WITH PNEUMATIC WEFT THREAD INSERTION

Title (de)

WEBMASCHINE MIT PNEUMATISCHER SCHUSSFADENEINTRAGUNG

Title (fr)

METIER A TISSER AVEC INSERTION PNEUMATIQUE DU FIL DE TRAME

Publication

EP 0973965 A1 20000126 (DE)

Application

EP 97914033 A 19970409

Priority

CH 9700141 W 19970409

Abstract (en)

[origin: WO9845517A1] The inventive weaving loom contains a weaving reed (8) and a weft thread guide device (32) which is able to pivot between an insertion position and a stop position. A fixed weft thread insertion device (32) is provided for inserting a weft thread (38) into the guide channel (36) and cutting blades (15) are provided for cutting the weft thread after nipping. A device for forming the selvedge is also provided in order to nip an inserted weft thread (38) by means of friction and to ensure that the nipped effect is maintained whilst said thread is conveyed from the insertion position to the stop position. The fixed position of the insertion device and the functional arrangement of the nipping element and scissors in relation to the weaving reed mean that the process is easier to control, to the extent that up to sixteen different weft threads can be inserted.

IPC 1-7

D03D 47/34; D03D 47/30

IPC 8 full level

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CPC (source: EP KR US)

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See references of WO 9845517A1

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WO 9845517 A1 19981015; BR 9714718 A 20000620; CA 2280088 A1 19981015; CA 2280088 C 20040608; CZ 295667 B6 20050914; CZ 356899 A3 20000517; DE 59710187 D1 20030703; EP 0973965 A1 20000126; EP 0973965 B1 20030528; ES 2200164 T3 20040301; HK 1027602 A1 20010119; JP 2001518985 A 20011016; KR 100434220 B1 20040604; KR 20000075881 A 20001226; TR 199902503 T2 20000522; TW 470793 B 20020101; US 6223779 B1 20010501

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