

Title (en)  
Harness for weaving loom

Title (de)  
Webschaft für eine Webmaschine

Title (fr)  
Cadre à lisses pour machine à tisser

Publication  
**EP 1471172 A1 20041027 (DE)**

Appication  
**EP 04016832 A 20001006**

Priority  
• DE 19962977 A 19991224  
• EP 00969436 A 20001006

Abstract (en)  
The heald frame (1), for a loom, has upper and lower profiled rails (6,7) to hold the healds (10) by guides (13,14) at the heald ends. A limit stop (15,16) of a damping material is at least at one end of the heald (10). The gap between the limit stop (15,16) and the end of the heald (10) is smaller than the gap between the surface of the profiled rail (6,7) towards the limit stop (15,16) and the end of the guides (13,14). Limit stops (15,16) are mounted at both ends of the healds (10). The limit stop (15,16) is a bar, at an upper and/or lower lateral strut (4,5) of the frame (4,5) for the heald frame (1). The lateral struts (4,5) have a holder (18) for the limit stop (15,16). At least one profiled rail (6,7) has an adjustable mounting at least at one lateral strut (4,5), along the line of the healds (10). The limit stops (15,16) can be adjusted along the heald (10) line. The limit stops (15,16) are bars of a pref. rubber elastic plastics material.

Abstract (de)  
Bei einem Webschaft für eine Webmaschine wird vorgesehen, dass wenigstens einem Ende der Litzen (10) ein Anschlag (15, 16) aus einem Material mit Dämpfungseigenschaft zugeordnet ist.

IPC 1-7  
**D03C 9/06**

IPC 8 full level  
**D03C 9/06** (2006.01)

CPC (source: EP US)  
**D03C 9/0633** (2013.01 - EP US); **D03C 9/0691** (2013.01 - EP US)

Citation (applicant)  
• WO 9726396 A1 19970724 - PICANOL NV [BE], et al  
• US 3985655 A 19761012 - MILLER III FREDERICK W

Citation (search report)  
• [X] US 3895655 A 19750722 - SUJDAK THOMAS J, et al  
• [AD] WO 9726396 A1 19970724 - PICANOL NV [BE], et al  
• [A] US 4519424 A 19850528 - ISHIDO TAKAO [JP], et al  
• [A] US 4259995 A 19810407 - NISHIYAMA HISSAI  
• [A] US 2522043 A 19500912 - JACOB KAUFMANN JOHN  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05 31 May 1999 (1999-05-31)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0148284 A1 20010705**; AT E319870 T1 20060315; CN 1242109 C 20060215; CN 1408034 A 20030402; CN 1772988 A 20060517; CN 1772988 B 20130619; DE 19962977 A1 20010913; DE 19962977 B4 20120308; DE 20023547 U1 20041007; DE 50012374 D1 20060504; EP 1240371 A1 20020918; EP 1240371 B1 20060308; EP 1471172 A1 20041027; EP 1471172 A8 20050330; EP 1471172 B1 20130123; ES 2257327 T3 20060801; ES 2403144 T3 20130514; US 2005022893 A1 20050203; US 6789580 B1 20040914; US 6994122 B2 20060207

DOCDB simple family (application)  
**EP 0009785 W 20001006**; AT 00969436 T 20001006; CN 00816679 A 20001006; CN 200510127015 A 20001006; DE 19962977 A 19991224; DE 20023547 U 20001006; DE 50012374 T 20001006; EP 00969436 A 20001006; EP 04016832 A 20001006; ES 00969436 T 20001006; ES 04016832 T 20001006; US 14942602 A 20020624; US 91544404 A 20040811