

Title (en)

Harness with a heedle damping device for a loom and heedle damping device

Title (de)

Webschaft mit LitzendämpfungsVorrichtung für Webmaschine sowie LitzendämpfungsVorrichtung

Title (fr)

Cadre de lisse pour machine à tisser equipe d'un dispositif amortisseur de lisses et dispositif amortisseur de lisses

Publication

EP 1176237 B1 20031015 (FR)

Application

EP 01440233 A 20010723

Priority

FR 0009757 A 20000724

Abstract (en)

[origin: EP1176237A1] The loom heald frame has a damper system (200), with a profiled support (210) which extends over the whole length of the lower profiled member of the frame. It carries a supply component along the length of the support, to form a buffer (24) in relation to the heads of the heald loops (9'). The damper system for a loom heald frame has a play (J'), which is less than the play between the healds and the heald carrier. The damper play can be adjusted and controlled by at least one intermediate profile (220), mounted in the support profile with a setting unit (223) between them, to give movements between at least one position without play and a setting to give play. The profiled support or the intermediate profile has a longitudinal groove (22) to accommodate the buffer in a shrouded fitting. The buffer has an inverted T-shape, with the leg lodged in the groove. The arms are shaped according to the heald head loops. A circular section of the buffer is lodged within the longitudinal groove. The profiled support is firmly bonded to the upper heald frame profile (2) by an adhesive, after it has been positioned by a jig with shaped positioning clips for the correct location. The clips can determine the amount of play. The support profile and the heald carrier are one and the same profiled section, for the play to be set by the support profile, and the support profile can set the amount of play with setting units. The assembly can have two dampers, with separate units for the upper and lower frame profiles.

IPC 1-7

D03C 9/06

IPC 8 full level

D03C 9/06 (2006.01)

CPC (source: EP)

D03C 9/0633 (2013.01); **D03C 9/0691** (2013.01)

Cited by

EP3406772A1; FR2835853A1; BE1017499A3; DE10206130B4; US8146621B2; WO2005001179A1; WO2004057077A1; WO2005040468A1; US7322383B2; EP3754065A1; IT201900009114A1

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