

Title (en)

Levelling device for cam operated shedding mechanisms on looms.

Title (de)

Vorrichtung zur Einstellung der Schafthöhenlage bei Exzentrerschäftmaschinen.

Title (fr)

Dispositif niveleur pour les mécaniques à cames destinées à la formation de la foule sur les machines à tisser.

Publication

EP 0580528 A1 19940126 (FR)

Application

EP 93420299 A 19930709

Priority

- FR 9208898 A 19920710
- FR 9211358 A 19920918

Abstract (en)

Associated with the tilting arms (10) carrying the shaft (5a), on which the set of rocker levers (1) of the mechanism pivots, are deformable operating means (13-14) which tend, during weaving, to keep the said shaft (5a) laid elastically against fixed bearing surfaces (9a) of the frame (9). This avoids the occurrence of the wear attributable to the residual play following the effect of the vibrations to which the shaft (5a) is subjected. <IMAGE>

Abstract (fr)

Aux bras basculants (10) qui portent l'axe (5a) sur lequel pivote l'ensemble des leviers oscillants (1) de la mécanique sont associés des moyens déformables de manoeuvre (13-14) qui tendent à maintenir, lors du tissage, ledit axe (5a) élastiquement appliqué contre des portées fixes (9a) du bâti (9). On évite de la sorte l'apparition de l'usure due au jeu résiduel consécutif à l'effet des vibrations auquel l'axe (5a) est soumis. <IMAGE>

IPC 1-7

D03C 5/02

IPC 8 full level

D03C 1/14 (2006.01); **D03C 5/02** (2006.01); **D03C 5/06** (2006.01)

CPC (source: EP KR US)

D03C 5/00 (2013.01 - EP US); **D03C 5/005** (2013.01 - EP US); **D03C 5/02** (2013.01 - EP KR US)

Citation (search report)

- [A] US 3095909 A 19630702 - ERWIN PFARRWALLER
- [A] CH 255931 A 19480731 - SULZER AG [CH]
- [A] DE 9103167 U1 19910613

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EP3162932A1; BE1017000A3; FR2911348A1; EP1944397A1; FR2868090A1; CN107059200A; WO2007096129A1; WO2005098107A1; US9873961B2; EP1516947B2

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