

Title (en)

Control and adjustment device to form terry loops in terry looms and method thereof

Title (de)

Verfahren und Vorrichtung zum Steuern und Regeln der Plüschhenkelbildung in Frottierwebmaschinen

Title (fr)

Procédé et dispositif de commande et de réglage pour former les boucles dans un métier pour tissu éponge

Publication

**EP 1132509 A1 20010912 (EN)**

Application

**EP 01104353 A 20010223**

Priority

IT MI20000436 A 20000307

Abstract (en)

The present invention concerns a device and a method to control and adjust, in terry looms, the movements of the take-up roller and of the warp yarn guiding roller which cause the forming of terry loops, said device being of the type comprising a drive shaft (1) for transmission of a main rotary movement and an outlet lever (2) caused to rotate with an oscillating movement, between these two elements (1, 2) there being provided first mechanical members to determine the motion law and second mechanical members, in the form of a kinematic chain, to adjust the amplitude of said oscillating movement; said device also comprises actuating means apt to change the geometrical position of a movable hinge (10) of said kinematic chain, so that a specific transmission ratio and thus a given loop height may correspond to each of the geometrical positions taken up by said movable hinge (10).

IPC 1-7

**D03D 39/22**

IPC 8 full level

**D03D 39/22** (2006.01)

CPC (source: EP)

**D03D 39/223** (2013.01)

Citation (search report)

- [A] EP 0518809 A1 19921216 - SULZER AG [CH]
- [A] DE 4432452 A1 19950323 - TOYODA AUTOMATIC LOOM WORKS [JP]
- [AD] EP 0534403 A1 19930331 - SOMET SOC MEC TESSILE [IT]

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**EP 1132509 A1 20010912; EP 1132509 B1 20050406**; AT E292702 T1 20050415; DE 60109842 D1 20050512; DE 60109842 T2 20060119; ES 2240256 T3 20051016; IT 1317119 B1 20030527; IT MI20000436 A0 20000307; IT MI20000436 A1 20010907

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