

Title (en)

Shedding control method and apparatus for loom.

Title (de)

Verfahren und Vorrichtung zum Steuern der Fachbildung in einer Webmaschine.

Title (fr)

Méthode et dispositif de commande de la formation de la foule pour métier à tisser.

Publication

EP 0675218 A1 19951004 (EN)

Application

EP 95400437 A 19950301

Priority

JP 5780494 A 19940328

Abstract (en)

A shedding control apparatus of a loom. An eccentric disk 2 is supported on a driving shaft 1 driven by a servo-motor 5 so as to be rotatable relative to the driving shaft 1. Compression coil springs 3, 4 are accommodated within retaining recesses 1a, 1b formed in a peripheral surface of the driving shaft 1, while latch members 6, 7 are slidably mounted in receiving grooves 2a, 2b formed in the eccentric disk 2. A disk-like coupling member 8 supported around the eccentric disk 2 rotatably relative to each other is provided with a pushing lever 9 mounted swingably on the coupling member 8. When an electromagnetic solenoid 12 provided in association with the pushing lever 9 is electrically energized, the latch member is pushed into the retaining recess by the pushing lever 9 against the spring force of the compression spring. Operation of the servo-motor 5 and the electromagnetic solenoid 12 are controlled by a control computer C0. <IMAGE>

IPC 1-7

D03C 1/00; **D03C 1/16**

IPC 8 full level

D03C 1/00 (2006.01); **D03C 1/16** (2006.01); **D03C 5/00** (2006.01); **D03C 13/00** (2006.01)

CPC (source: EP)

D03C 1/00 (2013.01); **D03C 1/16** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 296 (C - 1209) 6 June 1994 (1994-06-06)
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