

Title (en)

Shedding control method and apparatus for a loom

Title (de)

Verfahren und Vorrichtung zur Fachbildungssteuerung in einer Webmaschine

Title (fr)

Procédé et dispositif de commande de la formation de la foule pour métier à tisser

Publication

EP 0761856 A3 19981125 (EN)

Application

EP 96113088 A 19960814

Priority

JP 22679895 A 19950904

Abstract (en)

[origin: EP0761856A2] In a shedding apparatus for driving a heald frame assembly of a loom by a shedding drive motor installed independent of a loom driving motor, a shedding control apparatus which can ensure enhanced stability of motion of the heald frame while suppressing the power consumption to a minimum. The shedding control apparatus for controlling the shedding drive motor through a feedback loop includes a first rotation control pattern storing unit for storing a first rotation control pattern, a second rotation control pattern storing unit for storing a second one, a control pattern generating circuit for generating the second rotation control pattern and a selecting circuit. The control pattern generating circuit generates the second rotation control pattern on the basis of the rotation speed information obtained from a rotary encoder. The selecting circuit is so designed as to select the first or second rotation control patterns on the basis of the rotation speed changing information obtained from the rotary encoder.
<IMAGE>

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D03C 1/16; **D03D 51/02**

IPC 8 full level

D03D 51/00 (2006.01); **D03C 1/16** (2006.01); **D03C 13/00** (2006.01); **D03D 51/02** (2006.01)

CPC (source: EP KR)

D03C 9/00 (2013.01 - KR); **D03C 13/02** (2013.01 - EP); **D03D 51/00** (2013.01 - KR); **D03D 51/007** (2013.01 - EP)

Citation (search report)

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- [A] EP 0547004 A1 19930616 - TOYODA AUTOMATIC LOOM WORKS [JP]
- [A] US 4364002 A 19821214 - SUZUKI HAJIME, et al
- [AD] PATENT ABSTRACTS OF JAPAN vol. 017, no. 315 (C - 1071) 16 June 1993 (1993-06-16)
- [AD] PATENT ABSTRACTS OF JAPAN vol. 095, no. 002 31 March 1995 (1995-03-31)

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