

Title (en)

Shedding control method an apparatus in a weaving machine

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 1065306 A3 20010620 (EN)

Application

EP 00105970 A 20000324

Priority

JP 10771299 A 19990415

Abstract (en)

[origin: EP1065306A2] A control circuit 34 retrieves a shedding pattern for each of heddle frames 151, 152, 153 and 154 from a weave information memory device 27 for every single rotation of a weaving machine. The control circuit 34 selects a shedding curve for each of the heddle frames 151, 152, 153 and 154 from a shedding curve memory circuit 33 on the basis of the thus retrieved information. A control circuit 34 outputs control command to a drive circuit 35 so as to form the shedding curves thus selected. The drive circuit 35 operates shedding drive motors M1, M2, M3 and M4 so that the heddle frames 151, 152, 153 and 154 establish respective shedding curves selected correspondingly. <IMAGE>

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP)

D03C 1/16 (2013.01); **D03C 13/025** (2013.01); **D03D 51/005** (2013.01); **D03D 51/02** (2013.01)

Citation (search report)

- [X] EP 0774538 A1 19970521 - TSUDAKOMA IND CO LTD [JP]
- [X] EP 0513728 A1 19921119 - TSUDAKOMA IND CO LTD [JP]
- [A] US 3557842 A 19710126 - PORTER IAN S
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 08 30 June 1999 (1999-06-30)

Cited by

CN103459689A; EP3106554A3; CN100365181C; EP1486597A3; EP1739216A1; EP1650334A3; EP1867765A1; FR2902444A1; EP2357271A1; FR2956414A1; CN102162160A; US7894928B2; US7341077B2; US9043010B2; WO2004092467A1; WO2012130519A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1065306 A2 20010103; **EP 1065306 A3 20010620**; **EP 1065306 B1 20041110**

DOCDB simple family (application)

EP 00105970 A 20000324