

Title (en)

Method and apparatus for detecting weft in loom

Title (de)

Verfahren und Vorrichtung zum Detektieren des Schussfadens in einer Webmaschine

Title (fr)

Méthode et dispositif pour détecter la trame dans un métier à tisser

Publication

**EP 1445365 A3 20050309 (EN)**

Application

**EP 03028141 A 20031205**

Priority

JP 2003013425 A 20030122

Abstract (en)

[origin: EP1445365A2] There are disclosed a method and an apparatus capable of carrying out an accurate weft detection corresponding to the yarn sort of a weft to be inserted and also capable of judging the presence/absence of a defective weft inserting with accuracy. In the method, at least one of judgment conditions used for judging the presence/absence of the defective weft inserting are set in advance with regard to each yarn sort of the weft, and when carrying out the judgment, at least one of judgment conditions corresponding to each yarn sort of the weft to be inserted are selected and the presence/absence of the defective weft inserting is judged by using the selected judgment condition and a signal from a weft detecting device. The apparatus faithfully carries out this method. <IMAGE>

IPC 1-7

**D03D 51/34**

IPC 8 full level

**D03D 51/34** (2006.01)

CPC (source: EP KR)

**D03D 51/34** (2013.01 - EP KR)

Citation (search report)

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- [A] US 4708173 A 19871124 - YOSHIDA TOSHIO [JP] & DATABASE WPI Section Ch Week 199110, Derwent World Patents Index; Class F03, AN 1991-070338
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- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 137 (C - 0821) 5 April 1991 (1991-04-05)
- [PX] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 08 6 August 2003 (2003-08-06)
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 678 (C - 1290) 20 December 1994 (1994-12-20)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07 29 September 2000 (2000-09-29)
- [DA] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 04 31 May 1995 (1995-05-31)
- [DA] DATABASE WPI Section Ch Week 198639, Derwent World Patents Index; Class F03, AN 1986-256375, XP002313640

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Designated contracting state (EPC)

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DOCDB simple family (application)

**EP 03028141 A 20031205; CN 200310117209 A 20031208; DE 60321534 T 20031205; JP 2003013425 A 20030122; KR 20030091840 A 20031216**