

Title (en)

Weft picking control device in a jet loom.

Title (de)

Einschusskontrollvorrichtung für Luftwebmaschinen.

Title (fr)

Dispositif de contrÔle de l'introduction de la trame pour métiers à tisser à air.

Publication

EP 0458753 A1 19911127 (EN)

Application

EP 91810395 A 19910524

Priority

JP 13451990 A 19900524

Abstract (en)

The weft picking control device of the jet loom, has a data input device (19) for feeding data of fabric conditions like yarn count number and/or reed width. There is further a data memory (C1) with stored control factor data regarding weft picking conditions like weft picking commencement, fluid injection time, duration and/or end. The data are classified in a plurality of groups according to a rule of order. Depending on the fabric conditions the optimum control factor data are selected for automatically setting of the loom by a CPU and program (C2) that is based on the interdependence of fabric conditions and control factor data. <IMAGE>

IPC 1-7

D03D 47/30

IPC 8 full level

D03D 47/28 (2006.01); **D03D 47/30** (2006.01); **D03D 51/00** (2006.01)

CPC (source: EP)

D03D 47/3033 (2013.01); **D03D 47/304** (2013.01); **D03D 47/3053** (2013.01)

Citation (search report)

- [X] EP 0290975 A1 19881117 - TSUDAKOMA IND CO LTD [JP]
- [Y] EP 0306998 A1 19890315 - TSUDAKOMA IND CO LTD [JP]
- [Y] EP 0344104 A1 19891129 - SULZER AG [CH]
- [A] WO 8912122 A1 19891214 - DORNIER GMBH LINDAUER [DE]

Cited by

BE1013392A3; EP2400050A3; CN102808273A; EP0501920A1; US5295515A; US7110847B2; WO9927172A1; WO0179597A1

Designated contracting state (EPC)

BE DE FR IT

DOCDB simple family (publication)

EP 0458753 A1 19911127; **EP 0458753 B1 19961016**; DE 69122657 D1 19961121; DE 69122657 T2 19970515; JP H0434045 A 19920205; JP H0819605 B2 19960228

DOCDB simple family (application)

EP 91810395 A 19910524; DE 69122657 T 19910524; JP 13451990 A 19900524