

Title (en)

Device for automatically unweaving on looms with mechanical weft insertion means.

Title (de)

Vorrichtung zum automatischen Entweben an Webmaschinen mit mechanischem Schusseintrag.

Title (fr)

Dispositif de dé tissage automatique pour machines à tisser avec organes d'insertion mécanique de la trame.

Publication

**EP 0446150 B1 19950823 (FR)**

Application

**EP 91420057 A 19910220**

Priority

FR 9003358 A 19900306

Abstract (en)

[origin: EP0446150A1] The unweaving device, employing pneumatic means for eliminating a defective pick (28), comprises essentially: - an air injector (23) for "detaching" the defective pick, removing the latter from the pick previously inserted, - nozzles (24) for discharging the defective pick, emitting air jets (30) oriented towards the "feed" side of the loom, - optical means (27) for checking the proper discharge of the defective pick, and - control means taking effect in the event of a fault in order to activate the pneumatic means and then restart the loom. <??>The invention is used particularly on a loom having grippers (1, 3) mounted at the end of bands (2, 4). <IMAGE>

IPC 1-7

**D03D 51/08**

IPC 8 full level

**D03D 47/18** (2006.01); **D03D 51/00** (2006.01); **D03D 51/08** (2006.01)

CPC (source: EP US)

**D03D 51/085** (2013.01 - EP US)

Cited by

CN100358401C; EP0591865A1; US5406986A; WO9713902A1

Designated contracting state (EPC)

BE CH DE GB IT LI

DOCDB simple family (publication)

**EP 0446150 A1 19910911**; **EP 0446150 B1 19950823**; CS 56691 A2 19910915; DE 69112240 D1 19950928; DE 69112240 T2 19960201; DE 69112240 T4 19960425; FR 2659361 A1 19910913; FR 2659361 B1 19940729; JP H04228655 A 19920818; US 5090454 A 19920225

DOCDB simple family (application)

**EP 91420057 A 19910220**; CS 56691 A 19910305; DE 69112240 A 19910220; DE 69112240 T 19910220; FR 9003358 A 19900306; JP 12321191 A 19910306; US 65910691 A 19910221