

Title (en)

Device for handling healds in warp thread insertion machines

Title (de)

Vorrichtung zur Handhabung von Litzen für Kettfadeneinziehmaschinen

Title (fr)

Dispositif pour la manutention de lisses dans les machines à rentrer les fils de chaîne

Publication

**EP 0646667 B1 19970326 (DE)**

Application

**EP 94112542 A 19940811**

Priority

CH 275193 A 19930913

Abstract (en)

[origin: EP0646667A1] The device contains carrier rails (13) for storing the healds and transport means (28, 29, 31) for feeding these to a separating station (ST). Each carrier rail (13) is held by a plurality of controlled clamps (K1 - K6) and is thereby subdivided into a plurality of sections, each for receiving a heald set. The transport of the healds takes place in sets from section to section, the clamp located between the respective sections being opened. The control of the clamps (K1 - K6) takes place by means of sensors assigned to the clamps, at least one sensor being provided for each pair of clamps associated with one another. Use for the storage of healds having closed end loops and of those having open end loops.  
<IMAGE>

IPC 1-7

**D03J 1/14**

IPC 8 full level

**D03C 9/02** (2006.01); **D03C 13/00** (2006.01); **D03J 1/14** (2006.01)

CPC (source: EP KR US)

**D03C 3/40** (2013.01 - KR); **D03C 9/02** (2013.01 - KR); **D03J 1/14** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE DE DK ES FR GB IE IT NL PT

DOCDB simple family (publication)

**EP 0646667 A1 19950405**; **EP 0646667 B1 19970326**; AT E150808 T1 19970415; AU 675155 B2 19970123; AU 7288194 A 19950323; CA 2130315 A1 19950314; CH 687714 A5 19970131; CZ 221494 A3 19950412; DE 59402215 D1 19970430; ES 2099516 T3 19970516; JP H07197348 A 19950801; KR 950008763 A 19950419; RU 94033111 A 19960627; SK 109394 A3 19950412; TW 285688 B 19960911; US 5459913 A 19951024

DOCDB simple family (application)

**EP 94112542 A 19940811**; AT 94112542 T 19940811; AU 7288194 A 19940912; CA 2130315 A 19940817; CH 275193 A 19930913; CZ 221494 A 19940912; DE 59402215 T 19940811; ES 94112542 T 19940811; JP 25114094 A 19940909; KR 19940022281 A 19940906; RU 94033111 A 19940912; SK 109394 A 19940912; TW 83111041 A 19941128; US 30419994 A 19940912