

Title (en)
Threading and thread changing device for thread-guides.

Title (de)
Einfädel- und Fadenwechselvorrichtung für Fadenführer.

Title (fr)
Dispositif d'enfilage et de changement de fils pour guide-fils.

Publication
EP 0446625 B1 19950920 (DE)

Application
EP 91101876 A 19910211

Priority
DE 4008058 A 19900314

Abstract (en)
[origin: JPH04228660A] PURPOSE: To provide a threading and yarn-changing device having a yarn- blowing nozzle head and a yarn-proportioning device with guide parts for each of the yarns, and a yarn-clamping parts capable of separately operating the plural yarns, and yarn looper, and capable of allowing the yarns having the number exceeding the number of yarn guides to be used in a loom. CONSTITUTION: This threading and yarn-changing device for yarn guides having at least one yarn guiding passage 24 having an inlet opening 23 forming a straight line with a yarn-blowing nozzle 28, has the yarn-blowing nozzle 28 formed on a nozzle head 11 having inlet passages 25 and 26 for a plurality of yarns 14 and 15, a yarn-proportioning device 12 installed in front of the nozzle head 11, yarn loop regions 33 formed between a separately operable front yarn-gripping position 33 and rear yarn-gripping position 34 respectively. The device enables the use of different number of yarns exceeding the number of the yarn passages to be used in the loom, and carries out the threading and the change of the yarns by forming at least one yarn looper 32.

IPC 1-7
D04B 15/56

IPC 8 full level
D04B 15/38 (2006.01); **D04B 15/56** (2006.01); **D04B 15/60** (2006.01)

CPC (source: EP US)
D04B 15/56 (2013.01 - US); **D04B 15/565** (2013.01 - EP); **D04B 15/80** (2013.01 - EP)

Cited by
WO9914412A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0446625 A1 19910918; **EP 0446625 B1 19950920**; DE 4008058 A1 19910919; DE 59106501 D1 19951026; ES 2079498 T3 19960116; JP 2597524 B2 19970409; JP H04228660 A 19920818; US 5159822 A 19921103

DOCDB simple family (application)
EP 91101876 A 19910211; DE 4008058 A 19900314; DE 59106501 T 19910211; ES 91101876 T 19910211; JP 12696391 A 19910313; US 66722891 A 19910311