

Title (en)

Weft thread insertion device for an air jet loom

Title (de)

Schlussfadeneintragsvorrichtung für eine Luftdüsenwebmaschine

Title (fr)

Dispositif d'insertion de la trame pour métier à tisser à tuyères

Publication

EP 0949370 B1 20021002 (DE)

Application

EP 99104570 A 19990308

Priority

DE 29806552 U 19980409

Abstract (en)

[origin: US6109309A] A weft thread insertion device for an air jet loom includes a nozzle block mounted on a sley to be movable together therewith. The movable block has a plurality of individual nozzles. Devices supply compressed air to the nozzle block by way of one or more stationary distributor blocks. At least one outlet is associated with the distributor block. Compressed air is supplied through respective flexible pressure lines from the respective outlets to respective inlets of the individual nozzles of the nozzle block. In order to supply air using short pressure lines that do not intersect, the invention provides that the distributor block or blocks so arranged that they at least partially surround nozzle block regardless of the position of the reed.

IPC 1-7

D03D 47/30

IPC 8 full level

D03D 47/30 (2006.01)

CPC (source: EP US)

D03D 47/3013 (2013.01 - EP US); **D03D 47/3053** (2013.01 - EP US); **D03D 47/306** (2013.01 - EP US)

Cited by

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AT BE CH DE ES FR GB IT LI PT

DOCDB simple family (publication)

US 6109309 A 20000829; AT E225421 T1 20021015; DE 29806552 U1 19980709; DE 59902900 D1 20021107; EP 0949370 A1 19991013; EP 0949370 B1 20021002; JP 3249487 B2 20020121; JP H11315447 A 19991116

DOCDB simple family (application)

US 28630099 A 19990406; AT 99104570 T 19990308; DE 29806552 U 19980409; DE 59902900 T 19990308; EP 99104570 A 19990308; JP 9509399 A 19990401