

Title (en)

Method to form a tucked-in selvedge in shuttleless, particularly air looms, and device to carry out said method.

Title (de)

Verfahren zum Herstellen einer Einlegekante in schützenlosen Webmaschinen, insbesondere Luftwebmaschinen, und Vorrichtung zum Durchführen des Verfahrens.

Title (fr)

Procédé pour former une lisière à bout rentré sur un métier à tisser sans navette, plus particulièrement à jet d'air et dispositif pour exécuter ce procédé.

Publication

EP 0534429 A1 19930331 (EN)

Application

EP 92116363 A 19920923

Priority

IT MI912525 A 19910923

Abstract (en)

Method and device to form a tucked-in selvedge in shuttleless looms, particularly air looms. Said selvedge is formed by sucking the cut weft tails into a suction and blowing nozzle (5, 9) and inserting them again into the newly opened shed by reversing the air stream inside said nozzle. The nozzle (5, 9) is positioned adjacent to the weft yarn (2) to be sucked, before this latter is cut and while the reed (4) is beating up the weft, and it remains in that position while the cutter (6, 10) is moved forward to the cutting point and the reed (4) is leaving the beating up position. In air looms, on the side of weft insertion, a fixed or movable screen (7, 8) - which may be rigidly connected to the nozzle (5) - deviates the air jet blown from the main yarn launching nozzles (1), which could disturb the weft tail sucking action into the nozzle (5). A V-shaped notching (7a, 8a) allows to house the weft yarn (2) into the screen (7, 8). <IMAGE>

IPC 1-7

D03D 47/48

IPC 8 full level

D03D 47/48 (2006.01)

CPC (source: EP)

D03D 47/48 (2013.01)

Citation (search report)

- [A] FR 2141808 A1 19730126 - DEWAS RAYMOND
- [A] US 2267187 A 19411223 - BOCK OSCAR L

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Designated contracting state (EPC)

BE CH DE ES FR IT LI

DOCDB simple family (publication)

EP 0534429 A1 19930331; EP 0534429 B1 19960703; DE 69211933 D1 19960808; DE 69211933 T2 19961128; ES 2090442 T3 19961016; IT 1251849 B 19950526; IT MI912525 A0 19910923; IT MI912525 A1 19930323

DOCDB simple family (application)

EP 92116363 A 19920923; DE 69211933 T 19920923; ES 92116363 T 19920923; IT MI912525 A 19910923