

Title (en)
WEFT PROJECTION MEANS.

Title (de)
SCHUSSFADEN-EINTRAGMECHANISMUS.

Title (fr)
MOYEN DE PROJECTION DE TRAME.

Publication
EP 0047260 A1 19820317 (EN)

Application
EP 81900519 A 19810303

Priority
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Abstract (en)
[origin: WO8102591A1] Weft yarn inserting means for a fluid loom, the inserting means including a fluid jet nozzle through which the yarn to be inserted is passed, positive feed means for positively feeding the weft yarn to the nozzle, the direction of feed from the positive feed means being substantially in line with the direction of weft insertion so that the positive feed means and jet nozzle together propel the weft yarn across the warp shed, the jet nozzle and positive feed means being arranged for each weft insertion cycle to smoothly accelerate the weft yarn to a maximum speed of insertion and then smoothly decelerate the weft yarn to a standstill at termination of the weft insertion cycle.

Abstract (fr)
Moyen d'insertion de fil de trame pour un metier a fluide, le moyen d'insertion comprenant une tuyere de jet fluide au travers de laquelle on fait passer le fil a inserer, des moyens d'alimentation positive pour alimenter de maniere positive la tuyere en fil de trame, la direction de l'alimentation a partir du moyen d'alimentation positive etant sensiblement alignee par rapport a la direction de l'insertion de la trame de maniere que le moyen d'alimentation positive et la tuyere de jet propulsent ensemble le fil de trame au travers de la foule de chaine, la tuyere de jet et le moyen d'alimentation positive etant adaptes de maniere a accelerer regulierement le fil de trame jusqu'a une vitesse maximale d'insertion a chaque cycle d'insertion de trame et a ensuite ralentir regulierement le fil de trame jusqu'a l'arret a la fin du cycle d'insertion de trame.

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