

Title (en)

A method of weft braking when picking the weft through a shed of a pneumatic weaving machine and a braking jet

Title (de)

Verfahren zum Bremsen des Schussfadens beim Schusseintrag in einer pneumatischen Webmaschine und Bremsdüse

Title (fr)

Méthode de freinage de la trame pendant l'insertion de la trame dans la foule sur un métier à tisser et buse de freinage

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1314805A2] The invention relates to a method of weft (13) braking during the weft (13) picking through a shed on a pneumatic weaving machine in which the weft (13) being picked through a direct pick channel (3) of a reed (2) is exposed to a braking force (T) acting opposite the direction of the weft (13) motion. By braking force (T) acts upon at least a part of the length of the weft being picked weft (13) directly in the direct pick channel (3) and thus achieves both a reduction of the absolute value of the weft (13) deformations and a uniform distribution of the weft (13) deformations along the length of the weft (13). <??>The device for the weft (13) braking is comprising number of braking jets (9) having at least in the pick position of the reed (2) their ends fitted with pressure medium outlet apertures situated opposite the opening (30) of the direct pick channel (3) of the reed (2). The outlet apertures of the pressure medium of the braking jets (9) are in this position directed into the direct pick channel (3) opposite a wall of the direct pick channel (3), for instance opposite the bottom (4) of the direct pick channel (3), or at least partly opposite the direction of the weft (13) motion through the direct pick channel (3). <IMAGE>

IPC 8 full level

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