

Title (en)

Air feeding and control device for the pneumatic transporting of the weft in air-jet weaving machines

Title (de)

Luftzufuhr- und Luftregelungsvorrichtung zum pneumatischen Fördern des Schussfadens in einer Luftdüsenwebmaschine

Title (fr)

Dispositif d'alimentation et de régulation d'air pour le transport pneumatique de la trame dans un métier à tisser à jet d'air

Publication

EP 1731645 A2 20061213 (EN)

Application

EP 06114613 A 20060529

Priority

IT VI20050169 A 20050609

Abstract (en)

Air feeding and control device for the pneumatic transporting of the weft (18-21) in air-jet weaving machines, comprising a control system (24), connected to air feeding means, which comprise a compressed air source (2) and a series of nozzles (14-17), driven by respective electrovalves (10-13) and which can be used for inserting the weft; the air feeding means also comprise at least one air feeding and accumulation system (31), suitable for allowing a pre-established quantity of air to be accumulated when the air is not flowing to the nozzles (14-17) and suitable for regulating the air flow-rate when it is flowing to the nozzles (14-17).

IPC 8 full level

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Cited by

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