

Title (en)

METHOD AND DEVICE FOR LOADING AN INSTALLATION WITH FIBRES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESCHICKEN EINER ANLAGE MIT FASERN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ALIMENTER UNE INSTALLATION EN FIBRES

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Application

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Abstract (en)

[origin: WO2016091340A1] The invention relates to a method and a device for loading an installation with fibres, said installation being fed with fibre tufts, the latter being at least partially opened and fed to a pneumatic loading installation by means of a feeding device, said pneumatic loading installation guiding the fibres into the store of at least one fibre-processing machine, in particular a carding machine, separator or cleaner. The invention is characterized in that, by means of a control loop, into which the current pressure values, which are measured in the pneumatic loading installation, enter in a further-processed manner, and into which the mass flow of the further-processed fibres, which is measured at at least one fibre-processing machine, enters in a further-processed manner, the optimum operating point of the installation is determined by means of a control algorithm and a signal is sent to an actuator of the feeding device in order to control the quantity of fibre tufts.

IPC 8 full level

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