

Title (en)
DEVICE FOR REGULATING A FIBRE FLOCK STREAM IN A CLEANER

Title (de)
VORRICHTUNG ZUR REGELUNG EINES FASERFLOCKENSTROMES IN EINEM REINIGER

Title (fr)
DISPOSITIF DE RÉGLAGE D'UN FLUX DE FLOCONS DE FIBRES DANS UNE MACHINE DE NETTOYAGE

Publication
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Application
EP 18189872 A 20180821

Priority
CH 10732017 A 20170830

Abstract (en)
[origin: EP3450597A1] The invention relates to a device and a respective method for regulating a fiber flock stream (24, 25) in a cleaner (5) in a spinning preparation system. The fiber flock stream (24, 25) is guided in a transport line (4) to an inlet into the cleaner (5) after passing through a cleaning chamber (30) via an outlet (18) from the cleaner (5), wherein the cleaner has an inlet connection (17) for connecting the transport line (4). A static pressure measurement (23) is provided in the fiber flock stream (24) in the inlet connection (17) or in the transport line (4) upstream from the inlet connection (17) or in the cleaning chamber (30), and upstream from the pressure measurement (23), an exhaust air pipe (19) connected to the transport line (4) and having an exhaust air fan (20) with a drive (21) is provided. A target value for the pressure is assigned to a predetermined or prevailing operating state of the cleaner (5). A controller of the drive (21) of the exhaust air fan (20) is provided for regulating the target pressure value in the cleaner (5).

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