

Title (en)
DEVICE AND METHOD FOR PRODUCING A FIBROUS WEB

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER FASERSTOFFBAHN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UNE BANDE DE MATIÈRE FIBREUSE

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Abstract (en)
[origin: WO2018082911A1] The invention relates to a device (1) for producing a fibrous web made of a plurality of layers. The device comprises a multi-layer headbox (2) with an inner turbulence generator (7.8) extending over the width of the multi-layer headbox (2) and at least two turbulence generators (7.10, 7.11) each directly adjacent to the inner turbulence generator (7.8) and each extending over the width of the multi-layer headbox (2) to form at least three suspension layers. The feed system for the inner turbulence generator (7.8) comprises a white water vat (8) that is connected to at least one white water pump (8.1), to a white water separator (8.2) and to a cross-distributor (8.6) via a white water line (8.31). The device (1) according to the invention is characterised in that an auxiliary material metering device (9.2) is provided downstream of the at least one white water pump (8.1) and preferably downstream of the white water separator (8.2) to generate a metering volumetric flow for metering an auxiliary material to the white water line (8.31), and that the auxiliary material metering device (9.2) is designed such that the metering volumetric flow can be controlled by means of an open-loop and/or closed-loop control in order to set the mixing quality between the white water and metering volumetric flow.

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