Title (en)

AIR EXHAUST MODULE, AIR SUPPLY MODULE AND METHOD OF PREVENTING DUST LADEN AIR FROM ESCAPING A LOCALIZED ZONE IN THE DRY END OF A FIBER WEB PROCESSING MACHINE

Title (de)

LUFTABFÜHRUNGSMODUL, LUFTZUFÜHRUNGSMODUL UND VERFAHREN ZUM VERHINDERN DES AUSSTRÖMENS VON STAUBHALTIGER LUFT AUS EINER ÖRTLICH BEGRENZTEN ZONE IN DER TROCKENPARTIE EINER FASERSTOFFBAHNHERSTELLUNGSMASCHINE

Title (fr)

MODULE D'ÉVACUATION D'AIR, MODULE D'ALIMENTATION EN AIR ET PROCÉDÉ POUR PRÉVENIR L'ÉCHAPPEMENT D'AIR CHARGÉ DE POUSSIÈRE D'UNE ZONE LOCALISÉE DANS LA PARTIE SÈCHE D'UNE MACHINE DE FABRICATION D'UNE BANDE FIBREUSE

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Application

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Abstract (en)

[origin: WO2011076268A1] The invention relates to a system for transporting a fibre web (47) through a dry end of a fibre web processing machine from a drying section (1) to a reeling section (2) of the machine. According to the invention, the system comprises one or a plurality of groups of air modules, wherein each group of air modules is arranged for supplying and evacuating air from a predetermined, localized zone along the web run of the dry end, and wherein each group of air modules comprises at least one air supply module (9) being arranged for supplying air to the localized zone; and at least one air exhaust module (10) being arranged for evacuating air from the localized zone, wherein the air flow-rate of said at least one air supply module is balanced by the air flow-rate of said at least one air exhaust module such that dust-laden air is prevented from escaping the localized zone by other means than through said at least one air exhaust module.

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