

Title (en)

FIBRE PROCESSING INSTALLATION AND METHOD FOR OPENING AND MIXING FIBRE MATERIAL IN A FIBRE PROCESSING INSTALLATION

Title (de)

FASERBEARBEITUNGSANLAGE SOWIE VERFAHREN ZUM ÖFFNEN UND MISCHEN VON FASERMATERIAL IN EINER FASERBEARBEITUNGSANLAGE

Title (fr)

INSTALLATION DE TRAITEMENT DE FIBRES AINSI QUE PROCÉDÉ D'OUVERTURE ET DE MÉLANGE DE MATIÈRE FIBREUSE DANS UNE INSTALLATION DE TRAITEMENT DE FIBRES

Publication

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Application

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Priority

DE 102015122807 A 20151223

Abstract (en)

[origin: US2017183797A1] The invention relates to a fiber processing system for opening and mixing fiber material, with a multiple number of bale openers (2) for opening fiber bales (FB) and conveying devices (4a, 4b; 14a, 14b) downstream of the bale openers (2) for mixing and conveying the opened fiber material to a downstream processing device (10), for example a mixing chamber or a carding feed. The device in accordance with the invention is characterized in that the bale openers (2) are divided into at least two opener groups (3a, 3b; 13a, 13b), each of which produces a fiber mixture (M1, M2), and that each opener group (3a, 3b; 13a, 13b) is allocated with a conveying device (4a, 4b; 14a, 14b), whereas the conveying devices (4a, 4b; 14a, 14b) are designed and arranged in such a manner that the respective fiber mixture (M1, M2) is transported away in relation to the associated opener group (3a, 3b; 13a, 13b) in different directions (R1, R2; R1', R2') and the fiber mixtures (M1, M2) are combined before or in the processing device (10) into an overall fiber mixture (GM). Likewise, the invention relates to a method for opening and mixing fiber material in a fiber processing system.

IPC 8 full level

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Citation (examination)

- JP H0268314 A 19900307 - NIPPON SPINDLE MFG CO LTD
- CH 436050 A 19670515 - MAREMONT CORP [US]
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CN115506054A

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