Title (en)

CONVEYOR AND GATHERING SYSTEM

Title (de)

TRANSPORT- UND ZUSAMMENTRAG-SYSTEM

Title (fr)

SYSTEME DE TRANSPORT ET D'ASSEMBLAGE

Publication

EP 0883565 A1 19981216 (DE)

Application

EP 97906109 A 19970221

Priority

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- EP 9700852 W 19970221

Abstract (en)

[origin: WO9730924A1] A modular conveying and gathering system for transporting a material (250) in a conveying direction consists of a plurality of conveying modules (A, B) with end sections at the inlet and discharge sides. Each conveying module (A, B) has a conveyor in the form of an endless belt (100, 110) guided by a front and rear roller (104, 108, 114, 116), a drive (210, 212, 210', 212') to drive the conveyor and a plurality of sliding devices (102) fitted at predetermined intervals on the endless belt. The conveying modules (A, B) are arranged in relation to one another in such a way that an end section of a first conveying module (A) on the inlet side and an end section of a second conveying module (B) on the output side define an overlap region (200) in which a sliding device (102) of the conveying modules (A, B) defining the overlap region (200) engages with a material (250') to be conveyed via a part of the length of the overlap region (200). The sliding device (120) of the rear conveying module (A) in the conveying direction engaging with the material (250') is guided in such a way that it tips away from the conveying direction when it moves downwards on reaching the forward roller (104) of the rearmost conveying module (A) in the conveying direction.

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CPC (source: EP US)

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