

Title (en)
SUCTION CONVEYOR DEVICE FOR TRANSPORTING FLAT ITEMS, AND SYSTEM FOR PRODUCING FLAT ITEMS COMPRISING SAID SUCTION CONVEYOR

Title (de)
SAUGFÖRDERVORRICHTUNG ZUM TRANSPORT VON FLACHTEILEN, UND ANLAGE ZUM HERSTELLEN VON FLACHTEILEN UMFASSEND EINER SOLCHEN SAUGFÖRDERVORRICHTUNG

Title (fr)
SYSTÈME D'ACHEMINEMENT PAR ASPIRATION POUR LE TRANSPORT D'ÉLÉMENTS PLATS ET INSTALLATION POUR LA FABRICATION D'ÉLÉMENTS PLATS COMPRENANT LEDIT SYSTÈME

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Abstract (en)

[origin: WO2013160399A1] The invention relates to a suction conveyor device (30) for transporting flat items (55), in particular sheets of paper, preferably on the path between a cutting station (20, 24) and a stack forming station (32) in the paper processing industry, said conveyor comprising a suction arrangement which has a suction side (52a) on which a low pressure is generated, and a continuously rotating flexible conveying means arrangement which is made of a flexible flat material provided with holes, and an inner side which enables the conveying means arrangement to move along the suction side (52a) of the suction arrangement, and an outer side for receiving the flat items in the active area of the suction side (52a) of the suction arrangement, where the conveying means arrangement moves in the transporting direction (A), the suction arrangement and the conveyor means arrangement being designed such that a transport path having a width (X) is defined in the active range of the suction side (52a) of the suction arrangement perpendicular to transporting direction (A). The invention is characterized in that the conveying means arrangement is formed by continuously circulating individual, single-piece, flexible conveying means (40), both lateral edges thereof (40a) extending in the transporting direction (A) being arranged at a distance from each other, said distance being at least the same size as the total width (X) of the transport path such that the individual, single-piece flexible conveyor means (40) extend at least over the total width of the transport path.

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