Title (en)

METHOD AND APPARATUS FOR THE OVERLAPPING ARRANGEMENT OF SHEETS BETWEEN CONSECUTIVE PROCESSING STATIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ANORDNEN VON BOGEN IN EINER GESCHUPPTEN LAGE ZWISCHEN AUFEINANDERFOLGENDEN BEARBEITUNGSSTATIONEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE GROUPEMENT PAR CHEVAUCHEMENT DE FEUILLES ENTRE STATIONS DE TRAITEMENT CONSÉCUTIVES

Publication

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Application

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Abstract (en)

[origin: WO2016174224A1] The invention relates to a transport device for the sequential transportation of individual arched substrates, with a continuously revolving suction tape (52), wherein the suction tape (52) has two alternatingly arranged surface regions behind one another in the transport direction (T) of the arched substrate (51), wherein the surface (56) is enclosed by one of these surface regions, and the surface (57) of the other of the two surface regions is perforated, wherein, during the transportation thereof, the arched substrate (51) to be transported in arranged lying flat and partly on the enclosed surface (56) of the suction tape (52) and partly on the perforated surface (57) of the suction tape (52), wherein at least two suction chambers (58; 59) are immovably arranged behind one another in the transport direction (T) of the arched substrate (51) to be transported with the suction tape (52), wherein the suction tape (52) is moved relative to these suction chambers (58; 59), wherein, during the transportation of the arched substrate (51), a negative pressure prevailing in the first suction chamber (58) in the transport direction (T) of the arched substrate (51) to be transported is permanently present, and a negative pressure prevailing in the second suction chamber (59) in the transport direction (T) of said arched substrate (51) is clocked.

IPC 8 full level

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