

Title (en)

DEVICE FOR FEEDING A CONVEYOR WITH FLAT OBJECTS IN SHINGLED FORMATION, IN PARTICULAR PRINTED PRODUCTS

Publication

EP 0013920 B1 19820915 (DE)

Application

EP 80100151 A 19800114

Priority

CH 84379 A 19790129

Abstract (en)

[origin: US4333559A] Attached to revolving traction elements are a number of equidistantly arranged entrainment members having impact surfaces at their leading edges. The impact surfaces engage at trailing edges of the printed products arriving in an imbricated product stream. Between the traction elements there is arranged a suction head connected by means of a connection line or conduit with a negative pressure source. The suction head fixedly retains the printed products moving therepast or delays their forward movement until the engaged printed product can be entrained by one of the entrainment members. Due to the holding back of each second printed product each entrainment member infeeds two superimposed printed products to the individual grippers of a transport device. Since each gripper conveys away two printed products the transport device can be driven at a lower velocity than the infeed velocity of the imbricated product stream, which, among other things, affords quieter travel and reduced wear of the transport device.

IPC 1-7

B65H 29/66

IPC 8 full level

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CPC (source: EP US)

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Cited by

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