

Title (en)

PROCESS AND DEVICE FOR CONVEYING AWAY PRINTED PRODUCTS FED IN A SHINGLED FORMATION

Publication

**EP 0330868 B1 19920422 (DE)**

Application

**EP 89102087 A 19890208**

Priority

CH 80988 A 19880303

Abstract (en)

[origin: EP0330868A1] The belt conveyor (10) conveys the printed products (12) arranged in an overlapping formation (S) to a transfer region (14). In the overlapping formation (S), each printed product (12) lies on the following one. The dispatch conveyor (18), whose conveying direction (F) in the transfer region (14) runs upwardly, comprises grippers (16) which are fixed so as to be swivellable on a rotationally driven traction element (28). The conveying speeds (v1, v2) of the belt conveyor (10) and dispatch conveyor (18) respectively are geared to one another in such a way that printed products (12) can be fed two at a time into an open gripper (16). The height of the grippers (16) is greater than the spacing (A) separating the leading edges (24) of the printed products (12) in the overlapping formation (S) supplied, so that the two printed products (12) seized by a gripper (16) can be conveyed away with the spacing (A) unaltered. Thus, during the delivery of the printed products (12), it is possible for overlapping formations (S) to be formed in which the printed products (12) essentially re-assume the original spacing (A). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

US5356128A; US5395151A; EP1321410A1; US5465952A; AU654078B2; AU654079B2; EP0551601A1; US8292062B2; US6976674B2; WO9955609A1

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