Title (en)

DEVICE FOR TRANSFORMING AN OVERLAPPING STACK OF OBJECTS INTO AN OVERLAPPING ARRANGEMENT

Title (de)

VORRICHTUNG ZUM UMWANDELN EINES GESCHUPPTEN HAUFENS AUS GEGENSTÄNDEN IN EINE SCHUPPENFORMATION

Title (fr)

DISPOSITIF POUR TRANSFORMER UNE PILE D'OBJETS RECOUVRANTS EN UNE FORMATION A RECOUVREMENT

Publication

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Application

EP 98960981 A 19981229

Priority

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Abstract (en)

[origin: WO9935071A1] According to the invention, the second conveyor (16) which is driven in the direction of conveyance (F) at a second conveying speed (v2) is mounted downstream from the first conveyor (10) which is driven in the direction of conveyance (F) at a first conveying speed (v1). The second conveying speed (v2) is greater than the first conveying speed (v1). The displacement device (28) comprises a displacement element (36) which is guided on a guiding rail (32) and has a hook (38). Said displacement element (36) is driven by the drive (46) in such a way that per time unit the number of working strokes it carries out in the direction of conveyance (F) exceeds the number of objects (24) arriving. Because the speed (v) at which the displacement element (36) moves in the direction of conveyance (F) is greater than the first conveying speed (v1) the objects (24) are fed to the second conveyor (16) separately and at an increased distance.

IPC 1-7

B65H 29/66; B65H 5/24

IPC 8 full level

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CPC (source: EP US)

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