

Title (en)

Device for the further on-line transport of flat objects coming from a feeding device and being stacked on a support

Title (de)

Vorrichtung zum on-line Weitertransport von flachen Gegenständen, die von einer zuführenden Vorrichtung auf einem Träger gestapelt werden

Title (fr)

Dispositif pour le transport on-line continu d'objets plats venant d'un dispositif d'alimentation où ils sont empilés sur un support

Publication

EP 1669312 A1 20060614 (DE)

Application

EP 05405592 A 20051020

Priority

CH 20462004 A 20041210

Abstract (en)

The device has a carrier rotating system (2) with a number of grip arm elements (1), a grip arm promoter (4) behind the other grip arms that can be promoted. The grip arm promoter is maintained such that each grip arm across the direction aligned edge (11) can be promoted. During this promotion, pile edge is aligned on the carrier edge which can be seized. Carriers are equipped for receiving and carrying one pile (8) each and grip arms carried by the carrier are equipped by for seizing one pipe each. The carrier of the carrier rotating system promotes the article from readiness position (1.2), lowering range (1.3), reorientation range (1.5), separation range (1.6), driving out range (1.7) and by a reconducting range (1.8) back into readiness position. The carriers are horizontally aligned by catch position and upto the beginning of reorientation range. They are vertically aligned after the reorientation range.

IPC 8 full level

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CPC (source: EP)

B65H 29/003 (2013.01); **B65H 29/08** (2013.01); **B65H 31/10** (2013.01); **B65H 31/30** (2013.01); **B65H 33/08** (2013.01); **B65H 33/14** (2013.01); **B65H 39/11** (2013.01); **B65H 2801/21** (2013.01)

Citation (search report)

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- [A] US 5772391 A 19980630 - SJOGREN CHRISTER A [US], et al
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EP2172345A1; JP2008044350A; JP2008044349A; US8096542B2; US8052132B2; US8052133B2

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