

Title (en)  
APPARATUS AND METHOD FOR BUFFER-STORING A PLURALITY OF GOODS OR GOODS GROUPS, AND PAPER HANDLING SYSTEM HAVING SAID APPARATUS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM PUFFERN EINER MEHRZAHL VON GÜTERN ODER GUTGRUPPEN UND PAPIERHANDHABUNGSANLAGE MIT DERSELBEN

Title (fr)  
DISPOSITIF ET PROCÉDÉ D'AMORTISSEMENT DE PLUSIEURS PRODUITS OU GROUPES DE PRODUITS ET INSTALLATION DE MANIPULATION DE PAPIER DOTÉE DUDIT DISPOSITIF

Publication  
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Application  
**EP 11776398 A 20111020**

Priority  
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• EP 2011068354 W 20111020

Abstract (en)  
[origin: WO2012055761A1] An apparatus for buffer-storing a plurality of goods or goods groups comprises a buffer-storage section (204) which is configured to receive a plurality of goods or goods groups. Furthermore, a buffer-storage transport means (209) is provided which is configured to move a goods item or a goods group at a buffer-storage transport speed. An exit (212) is configured to discharge a goods item or a goods group out of the apparatus at an exit speed which is higher than the buffer-storage transport speed. Furthermore, the exit (212) is configured to take over the transport of a goods item or a goods group before the goods item or the goods group has reached an end of the buffer-storage section (204; 400).

IPC 8 full level  
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CPC (source: EP US)  
**B65H 5/00** (2013.01 - EP US); **B65H 5/021** (2013.01 - EP US); **B65H 5/025** (2013.01 - EP US); **B65H 5/028** (2013.01 - EP US); **B65H 29/003** (2013.01 - EP US); **B65H 29/20** (2013.01 - EP US); **B65H 29/242** (2013.01 - EP US); **B65H 29/40** (2013.01 - EP US); **B65H 29/6609** (2013.01 - EP US); **B65H 29/669** (2013.01 - EP US); **B65H 2220/09** (2013.01 - EP US); **B65H 2301/44331** (2013.01 - EP US); **B65H 2301/4451** (2013.01 - EP US); **B65H 2301/44514** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US); **B65H 2301/44734** (2013.01 - EP US); **B65H 2301/44735** (2013.01 - EP US); **B65H 2404/1112** (2013.01 - EP US); **B65H 2404/152** (2013.01 - EP US); **B65H 2404/153** (2013.01 - EP US); **B65H 2404/1532** (2013.01 - EP US); **B65H 2404/231** (2013.01 - EP US); **B65H 2404/2311** (2013.01 - EP US); **B65H 2404/254** (2013.01 - EP US); **B65H 2404/2613** (2013.01 - EP US); **B65H 2404/264** (2013.01 - EP US); **B65H 2404/268** (2013.01 - EP US); **B65H 2404/2682** (2013.01 - EP US); **B65H 2404/2693** (2013.01 - EP US); **B65H 2404/313** (2013.01 - EP US); **B65H 2404/6591** (2013.01 - EP US); **B65H 2406/3222** (2013.01 - EP US); **B65H 2406/323** (2013.01 - EP US)

Citation (search report)  
See references of WO 2012055761A1

Citation (examination)  
• US 5398920 A 19950321 - LEU WILLY [CH]  
• US 6338479 B1 20020115 - VAN DER WERFF JEICHENUS ADRIA [NL], et al  
• US 2007216082 A1 20070920 - FENILE ROBERTO [CH], et al  
• DE 19522264 A1 19960926 - DATEV DATENVERARBEITUNGSORGANI [DE]

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