

Title (en)
Device and method for stacking flat goods

Title (de)
Vorrichtung sowie Verfahren zum Stapeln von flächigen Gütern

Title (fr)
Dispositif et méthode pour empiler des articles plats

Publication
EP 1072548 B1 20051026 (DE)

Application
EP 00115706 A 20000721

Priority
DE 19935665 A 19990729

Abstract (en)
[origin: EP1072548A2] The goods holding unit (57) has a combined transport storage unit (17) for supplying the goods (2) to the stacking places (7,8). So that the unit by means of a control unit is movable down from a transport speed (V1) to a storage speed (V0) and with or after reaching the storage speed, the delivery of the respective goods result. The control unit ensures that the braking operation is executed selectively relative to one of the stacking places, or no braking is carried out, if the goods are conveyed away across at least one stacking place and is transported to the following or one of the following stack pieces, braked there and stored there. The goods holding unit has a switchable vacuum or magnetic field for the holding or release of the goods.

IPC 1-7
B65H 31/24; **B65H 29/32**; **B65H 29/68**; **B21D 43/22**

IPC 8 full level
B65H 29/30 (2006.01); **B65H 29/32** (2006.01); **B65H 29/68** (2006.01); **B65H 31/24** (2006.01)

CPC (source: EP)
B65H 29/30 (2013.01); **B65H 29/32** (2013.01); **B65H 29/68** (2013.01); **B65H 31/24** (2013.01); **B65H 2406/323** (2013.01); **B65H 2511/20** (2013.01); **B65H 2513/20** (2013.01)

Cited by
DE102017202748B4; CN104692028A; CN106800193A; DE102017202748A1; CN106892270A; DE102007059916A1; CN106945982A; DE102017202749A1; CN108946181A; US9045243B2; WO2011109916A1; US8505908B2; US8827265B2; US9008834B2; WO2018153695A1; US11161167B2; EP2376356B1; US9327920B2; US9365369B2

Designated contracting state (EPC)
DE ES IT

DOCDB simple family (publication)
EP 1072548 A2 20010131; **EP 1072548 A3 20011017**; **EP 1072548 B1 20051026**; DE 19935665 A1 20010301; DE 19935665 B4 20040408; DE 50011418 D1 20051201; ES 2251338 T3 20060501

DOCDB simple family (application)
EP 00115706 A 20000721; DE 19935665 A 19990729; DE 50011418 T 20000721; ES 00115706 T 20000721