

Title (en)
ENHANCED PALLETIZER FOR LARGE TILES

Title (de)
VERBESSERTER PALETTIERER FÜR GROSSE PLATTEN

Title (fr)
PALETTISEUR AMELIORE POUR GRANDES TUILES

Publication
EP 3323736 B1 20191106 (EN)

Application
EP 17202410 A 20171117

Priority
IT 201600116980 A 20161118

Abstract (en)
[origin: EP3323736A1] It is disclosed a palletizer for stacking items on a pallet, comprising at least one gripping head, whose movement is controlled in the Cartesian space for picking a plurality of items (4a, 4b) from a production line and for placing them on a loading station (3) with vertical attitude, and also a strapping unit (1), arranged to wrap at least a strapping loop around at least two of said items (4a, 4b) arranged on said station (3), comprising at least one movable pressing member (10, 10'), integral to said strapping unit (1), provided with a pressing end (11) movable between a home position, outside the deposition area of said items, and an operative position, in which it exerts a pressure in the direction of a vertical side of said items (4a, 4b).

IPC 8 full level
B65B 13/20 (2006.01); **B65B 27/02** (2006.01); **B65B 35/36** (2006.01); **B65B 35/50** (2006.01)

CPC (source: EP)
B65B 13/20 (2013.01); **B65B 27/02** (2013.01); **B65B 35/36** (2013.01); **B65B 35/50** (2013.01)

Citation (opposition)
Opponent : SYSTEM CERAMICS S.p.A.
• MX 2007002850 A 20081126 - SEGURIDAD Y EMPAQUE S A [AR]
• US 2015175283 A1 20150625 - YOHE PETER D [US], et al
• CN 102633126 A 20120815 - JURONG JINHOU MACHINERY RES INST CO LTD
• EP 0411700 A1 19910206 - COSTI SRL [IT]
• US 2013199133 A1 20130808 - KLUGE WALDEMAR [DE], et al
• US 2012297733 A1 20121129 - PIERSON CARY MICHAEL [US], et al
• EP 0952081 A1 19991027 - EICHSTAEDT HANS PETER [DE]
• AR 032905 A1 20031203 - SEGURIDAD Y EMPAQUE S A [AR]
• AR 032906 A1 20031203 - INTEGRATECH S A [AR], et al
• AR 042310 A1 20050615 - SEGURIDAD Y EMPAQUE S A

Cited by
IT201800006626A1; CN114426116A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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