

Title (en)

IMPROVED PALLETIZING SYSTEM, ESPECIALLY IN TILE PRODUCTION PLANTS

Title (de)

VERBESSERTES PALETTIERSYSTEM, INSBESONDERE FÜR DIE PLATTENPRODUKTION

Title (fr)

SYSTÈME DE PALETTISATION PARTICULIÈREMENT POUR FABRICATION DE PLATE

Publication

EP 3056438 A1 20160817 (EN)

Application

EP 16154763 A 20160209

Priority

IT MI20150029 U 20150211

Abstract (en)

A palletisation system is disclosed comprising a processing path (L), along which a plurality of wrapping stations (Sn) is provided, meant to house a plurality of pallets (P) supporting products (SP) to be wrapped, at least a gripping head (TP) movably mounted on guiding means along said processing path (L), between a drawing station of said products (SP) and one as chosen of said wrapping stations (Sn), control means for controlling the movements of said gripping head (TP) in the transfer and deposit of said products (SP) to form a load with a preset order, and strapping means for performing a horizontal binding in correspondence of at least one of said wrapping stations, the strapping means comprising at least one strapping head and a respective launching and guiding track (1) of a strap (2), wherein said strapping means comprise a plurality of strapping heads (R), with respective annular launching and guiding track (1), installed in the proximity of each one of said wrapping stations (Sn), with each one of said strapping heads (R) there is associated a respective strap feeding assembly (A), and said strapping heads (R) and relative feeding assemblies (A) are arranged on a first side of said wrapping stations (Sn) which is parallel to said processing path (L).

IPC 8 full level

B65B 35/50 (2006.01); **B65B 13/06** (2006.01); **B65B 59/00** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP US)

B65B 13/06 (2013.01 - EP US); **B65B 35/50** (2013.01 - EP); **B65B 65/006** (2013.01 - EP); **B65B 23/20** (2013.01 - EP); **B65B 2210/02** (2013.01 - EP)

Citation (search report)

- [Y] US 2010018165 A1 20100128 - KUDIA STEPHEN FRANCIS [US]
- [Y] WO 0020309 A1 20000413 - MCNEALL IND TECHNOLOGIES PTY L [AU], et al
- [Y] EP 2397412 A1 201111221 - RODA IBERICA S L U [ES]

Cited by

CN112572893A; IT201700001007A1; WO2022267581A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3056438 A1 20160817; **EP 3056438 B1 20170830**; ES 2646290 T3 20171213; IT MI20150029 U1 20160811; PL 3056438 T3 20180629; PT 3056438 T 20171116

DOCDB simple family (application)

EP 16154763 A 20160209; ES 16154763 T 20160209; IT MI20150029 U 20150211; PL 16154763 T 20160209; PT 16154763 T 20160209