

Title (en)
Facility for packing batches of products

Title (de)
Anlage zur Verpackung von Warenlosen

Title (fr)
Installation de conditionnement de lots de produits

Publication
EP 2412636 B1 20121212 (FR)

Application
EP 11173722 A 20110713

Priority
FR 1056215 A 20100728

Abstract (en)
[origin: EP2412636A1] The installation has an input conveyor (7) on which products (2) are ordered by batches from a preparation and grouping post (1), and endless chain retraction units substituting endless chains. A substitution conveying system (13) allows simple naked passage of batches of the products between the input conveyor and an output conveyor (8). The substitution conveying system is interposed between the endless chains to form a continues hearth between the input and output conveyors.

IPC 8 full level
B65B 59/00 (2006.01); **B65B 65/00** (2006.01); **B65G 21/00** (2006.01)

CPC (source: EP US)
B65B 59/001 (2019.04 - EP US); **B65B 59/003** (2019.04 - EP US); **B65B 59/005** (2013.01 - EP US); **B65B 65/003** (2013.01 - EP US);
B65B 59/04 (2013.01 - EP US); **B65B 2210/02** (2013.01 - EP)

Cited by
DE102014112341A1; US9394113B2; EP2637938A1

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)
EP 2412636 A1 20120201; **EP 2412636 B1 20121212**; **EP 2412636 B3 20131106**; BR PI1103446 A2 20121225; CN 102424129 A 20120425;
CN 102424129 B 20150311; FR 2963321 A1 20120203; FR 2963321 B1 20120817; US 2012023866 A1 20120202; US 8966864 B2 20150303

DOCDB simple family (application)
EP 11173722 A 20110713; BR PI1103446 A 20110726; CN 201110220464 A 20110726; FR 1056215 A 20100728;
US 201113186693 A 20110720