

Title (en)
Packaging assembly with sorting station

Title (de)
Verpackungsanlage mit Sortierstation

Title (fr)
Installation d'emballage dotée d'une station de tri

Publication
EP 2463204 A3 20150408 (DE)

Application
EP 11009159 A 20111118

Priority
DE 102010053872 A 20101209

Abstract (en)
[origin: EP2463204A2] The packaging installation (1) has feed unit (3) and packaging machine (7) in which insertion station (9) and sealing station (10), sorting station (13) and controller (18) are arranged. The controller is designed such that products (19) supplied along a direction of production (R) from product feeder to sorting station are traced. A monitoring device (4) is arranged in front of or along product supply, for detecting property of products. The packages (21) are sorted by sorting station depending on category of packaged product in appropriate containers (14). An independent claim is included for method for operating packaging installation.

IPC 8 full level
B65B 25/06 (2006.01); **B07C 5/00** (2006.01); **B65B 57/00** (2006.01); **B65B 57/14** (2006.01); **G01N 21/17** (2006.01)

CPC (source: EP US)
B65B 25/065 (2013.01 - EP US); **B65B 57/00** (2013.01 - EP US); **B65B 57/14** (2013.01 - EP US); **B65B 2210/02** (2013.01 - EP US)

Citation (search report)

- [XY] US 2010101191 A1 20100429 - LINDEE SCOTT [US]
- [XA] EP 0465437 A1 19920108 - IMA SPA [IT]
- [A] WO 2005100161 A1 20051027 - KHODABANDEHLOO KOOROSH [GB]
- [YA] WO 2005123513 A1 20051229 - SCANVAEGT INT AS [DK], et al
- [A] US 2010269453 A1 20101028 - TAKAI TOICHIRO [JP], et al
- [A] FR 2764579 A1 19981218 - SYSTEMES DE MANUTENTION AGRO A [FR]
- [A] WO 2008025063 A1 20080306 - DETECTION SYSTEMS PTY LTD [AU], et al

Cited by
DE102012210703A1; EP3505879A1; EP2505504A3; ITVR20130068A1; EP2730509A1; US9016476B2; WO2019081388A1; US9156573B2; US9663254B2

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)
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DE 102010053872 B4 20140515; DE 102010053872 C5 20191017; ES 2602632 T3 20170221; US 2012192526 A1 20120802

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