

Title (en)

PICKING LINE AND METHOD FOR INSERTING PRODUCTS INTO A PACKAGING CONTAINER

Title (de)

PICKERSTRASSE UND VERFAHREN ZUM EINSETZEN VON PRODUKTEN IN EINEN VERPACKUNGSBEHÄLTER

Title (fr)

PARCOURS DE SAISIE ET PROCÉDÉ D'INTRODUCTION DE PRODUITS DANS UN RÉCIPIENT D'EMBALLAGE

Publication

EP 2207721 A1 20100721 (DE)

Application

EP 08804490 A 20080919

Priority

- EP 2008062561 W 20080919
- DE 102007049702 A 20071017

Abstract (en)

[origin: US8387342B2] The invention relates to a picking line for inserting products into a packaging container, having a conveyor belt for the delivery and the transport of products in a transport direction, and at least one picker equipped with a position image processing system for determining the position of the products on the conveyor belt. A quality image processing system is disposed in the transport direction upstream of the at least one picker for checking the products passing the quality image processing system on the conveyor belt in the transport direction for predetermined quality features, and for associating quality information to be transmitted to a picker adjacent downstream of the quality image processing system in the transport direction, serving as a control command for grasping or not grasping the products.

IPC 8 full level

B65B 35/16 (2006.01); **B25J 9/00** (2006.01); **B25J 9/16** (2006.01); **B65B 57/14** (2006.01)

CPC (source: EP US)

B65B 35/16 (2013.01 - EP US); **B65B 57/14** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2010223883 A1 20100909; **US 8387342 B2 20130305**; AT E511476 T1 20110615; DE 102007049702 A1 20090423; EP 2207721 A1 20100721; EP 2207721 B1 20110601; ES 2367090 T3 20111028; JP 2011500464 A 20110106; JP 5415431 B2 20140212; WO 2009049990 A1 20090423

DOCDB simple family (application)

US 73842408 A 20080919; AT 08804490 T 20080919; DE 102007049702 A 20071017; EP 08804490 A 20080919; EP 2008062561 W 20080919; ES 08804490 T 20080919; JP 2010529321 A 20080919