

Title (en)

A method and equipment for applying labels to products

Title (de)

Verfahren und Vorrichtung zum Aufbringen von Etiketten auf Gegenstände

Title (fr)

Procédé et dispositif pour appliquer des étiquettes sur des produits

Publication

EP 2279955 A1 20110202 (EN)

Application

EP 10169714 A 20100715

Priority

IT BO20090494 A 20090728

Abstract (en)

Labels are affixed to consumer products by a method that involves feeding single products (3) along a conveying line (4), gluing an area of each product (3) fed along the line (4), and applying labels (2) singly and in ordered succession to the glued areas of the advancing products (3). The glue is sprayed onto a frontal surface of each product (3) utilizing a glue delivery system (20) that comprises first and second sets (21, 22) of spray guns (23, 24) occupying a given position above the conveying line (4). The spray guns (24) of the second set are capable of movement from a first operating position alongside the guns (23) of the first set, to a second operating position rotated angularly from the first operating position, in which glue can be sprayed alternatively onto a lateral surface of the product (3).

IPC 8 full level

B65C 9/22 (2006.01)

CPC (source: EP)

B65C 9/2208 (2013.01)

Citation (applicant)

EP 0967161 A1 19991229 - GD SPA [IT]

Citation (search report)

[A] EP 1964783 A2 20080903 - GD SPA [IT]

Cited by

EP3546384A1; CN111301802A; IT201800004021A1; CN108750260A; CN109335137A

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2279955 A1 20110202; EP 2279955 B1 20131225; IT 1394966 B1 20120807; IT BO20090494 A1 20110129

DOCDB simple family (application)

EP 10169714 A 20100715; IT BO20090494 A 20090728