Title (en)

Apparatus for applying handles

Title (de)

Vorrichtung für das Anbringen von Tragegriffen

Title (fr)

Dispositif pour poser des poignées

Publication

EP 1464582 A2 20041006 (DE)

Application

EP 04005051 A 20040304

Priority

DE 10315116 A 20030403

Abstract (en)

The device for the attaching of carrying handles of optional material to containers (3) of all types has an application head installed on a X-Y positioning unit (8) combined with a flexible element such as a toothed belt, for example. The application head through the X-Y positioning unit is movable in and out between spaced containers. The application head has a sensor to record the spacing of the next container. The application head has at least one device for the applying of a liquid or hot liquid adhesive. The application head also has a cutting device and a gripper. An independent claim is included for a method for the attaching of carrying handles to containers.

Abstract (de)

Vorgestellt wird eine Vorrichtung für das Anbringen von Tragegriffen aus beliebigem Material an Behältern aller Art, dabei ist vorgesehen, dass ein Applikationskopf (4) an einer X-Y-Positioniereinheit (8) angeordnet ist. <IMAGE>

IPC 1-7

B65B 61/14; B65G 47/90

IPC 8 full level

B65D 63/18 (2006.01); **B65B 61/14** (2006.01)

CPC (source: EP US)

B65B 61/14 (2013.01 - EP US)

Citation (applicant)
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Designated contracting state (EPC)

DE ES FR GB IT NL

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EP 1464582 A2 20041006; **EP 1464582 A3 20050330**; **EP 1464582 B1 20090304**; BR PI0400916 A 20050209; DE 10315116 A1 20041014; DE 502004009060 D1 20090416; ES 2323237 T3 20090709; JP 2004307069 A 20041104; JP 4387853 B2 20091224; PL 366886 A1 20041004; RU 2004110097 A 20050927; RU 2326028 C2 20080610; US 2004261362 A1 20041230; US 6901720 B2 20050607

DOCDB simple family (application)

EP 04005051 A 20040304; BR PI0400916 A 20040331; DE 10315116 A 20030403; DE 502004009060 T 20040304; ES 04005051 T 20040304; JP 2004100791 A 20040330; PL 36688604 A 20040402; RU 2004110097 A 20040402; US 81678704 A 20040402