

Title (en)

Device for transferring fitting pieces for container labelling

Title (de)

Vorrichtung zum Transferieren von Ausstattungsteilen für die Behälteretikettierung

Title (fr)

Dispositif de transfert de pièces d'équipement pour l'étiquetage de récipients

Publication

**EP 2610187 B1 20161228 (DE)**

Application

**EP 11196198 A 20111230**

Priority

EP 11196198 A 20111230

Abstract (en)

[origin: EP2610187A1] The device (V) has a hub (5) centrally coupled to a direct drive (M1) such that the hub is driven by the drive around a rotational axis in a stationary hub bearing arrangement (24) that is arranged in an outer circumferential region of the hub. A set of drive shafts (16) is coupled to transfer shafts (33) carrying transfer elements (34). A lantern wheel (T) is arranged under the hub and comprises drive pinions and toothed wheel segments (19). A stationary control cam plate (14) pivotally rotates the drive shafts, and the drive is arranged under the plate. The hub is arranged under the plate. The direct drive is designed as an electrical torque motor or an electrical servomotor.

IPC 8 full level

**B65C 9/14** (2006.01); **B65C 9/16** (2006.01)

CPC (source: EP US)

**B65C 9/04** (2013.01 - US); **B65C 9/14** (2013.01 - EP US); **B65C 9/16** (2013.01 - EP US)

Citation (examination)

- EP 2093168 A1 20090826 - KRONES AG [DE]
- WO 0039037 A1 20000706 - ANTAS S P A [IT], et al
- WO 2008145363 A1 20081204 - KHS AG [DE], et al

Cited by

DE202013103957U1; DE102013015094A1

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 2610187 A1 20130703; EP 2610187 B1 20161228**; CN 103183161 A 20130703; CN 103183161 B 20151014; US 2013170930 A1 20130704; US 9382027 B2 20160705

DOCDB simple family (application)

**EP 11196198 A 20111230**; CN 201210587482 A 20121228; US 201213727638 A 20121227