

Title (en)

Position control system for an article-handling machine, and relative method

Title (de)

Positionssteuersystem für eine Artikelhandhabungsmaschine und zugehöriges Verfahren

Title (fr)

Système de commande de position pour une machine de traitement d'article et procédé associé

Publication

**EP 2792634 A1 20141022 (EN)**

Application

**EP 13164594 A 20130419**

Priority

EP 13164594 A 20130419

Abstract (en)

There is disclosed a position control system (9, 9') for controlling the position of an article fillable with a pourable product with respect to a operating unit (8) of an article-handling machine (1), comprising: an actuator (15) which may rotate about a first axis (A) integrally with operating unit (8) and completely carries the weight of article (2, 2'); actuator (15) being further adapted to move said article (2, 2') relative to operating unit (8) about and/or along a second axis (B) distinct from first axis (A); and a control unit (16) configured for: i) receiving a control signal associated to at least one parameter between the nature of the pourable product, the material of the article, the movement law of said article (2, 2') along and/or about second axis (B) with respect to the angular position of actuator (15) about first axis (A); and ii) controlling the movement of said actuator (15) on the basis of control signal.

IPC 8 full level

**B67C 3/00** (2006.01); **B67C 3/04** (2006.01); **B67C 3/06** (2006.01); **B67C 3/24** (2006.01)

CPC (source: EP)

**B67C 3/007** (2013.01); **B67C 3/04** (2013.01); **B67C 3/06** (2013.01); **B67C 3/24** (2013.01); **B67C 2003/2668** (2013.01)

Citation (search report)

- [XAI] EP 1182165 A1 20020227 - SASIB SPA [IT]
- [E] EP 2604571 A1 20130619 - KRONES AG [DE]

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EP3184484A1; CN107892018A; EP3450337A3; IT201700096625A1; EP3026006A1; CN105621333A; US9908766B2; WO2015165721A1

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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DOCDB simple family (application)

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