

Title (en)

Packaging machine with a gripper system

Title (de)

Verpackungsmaschine mit einem Greifersystem

Title (fr)

Machine d'emballage dotée d'un système de prise

Publication

EP 2141095 B1 20100728 (DE)

Application

EP 09163636 A 20090624

Priority

DE 102008030510 A 20080627

Abstract (en)

[origin: EP2141095A1] The machine (1) has guiding devices for linearly guiding grippers of a gripper system (2) via a storage unit e.g. supply belt (200), lifting system and delivery belt (400), where the grippers are moved by force exerted by a set of drive devices e.g. linear motors. The guiding devices apply torque produced by another set of drive devices on the grippers. The grippers have slides linearly guided by the guiding devices. The grippers have gripper arms rotatable relative to the slides. The gripper arms receive the applied torque for grasping movement of the grippers.

IPC 8 full level

B65G 25/02 (2006.01); **B21D 43/05** (2006.01); **B65B 7/16** (2006.01)

CPC (source: EP)

B65B 7/162 (2013.01); **B65B 43/46** (2013.01)

Cited by

EP3608234A1; EP2706012A1; EP2706013A1; EP2275351A1; GB2576827A; GB2576827B; EP2404831A1; CN110921299A; DE102018213213A1; DE102018213213B4; CN112249409A; CN103662663A; US10829313B2; US11472634B2; EP4389621A1; US9650165B2

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DOCDB simple family (publication)

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