

Title (en)

Method and device for automatic sorting and/or re-packing of elongate products

Title (de)

Verfahren und Vorrichtung zum automatischen Sortieren und/oder Verpacken von länglichen Produkten

Title (fr)

Procédé et machine pour le triage et/ou l' emballage automatique de produits allongés.

Publication

**EP 1852354 B1 20100811 (EN)**

Application

**EP 07075278 A 20070412**

Priority

NL 1031651 A 20060413

Abstract (en)

[origin: EP1852354A2] The present invention provides a method and apparatus for sorting and/or automatically packing vulnerable, elongate products (P) such as cucumbers, comprising the following steps of: - individualizing the products; - orienting the individualized products; - transporting the products in transport means (6); - transferring the products in an oriented position to at least one conveyor (10); and - releasing the products on the conveyor into at least one packing container (18) or a compartment (16) thereof, wherein the at least one packing container is placed in the transport means (30) outside the feed path of the products.

IPC 8 full level

**B65B 19/34** (2006.01); **B65B 25/04** (2006.01); **B65B 35/54** (2006.01)

CPC (source: EP)

**B65B 19/34** (2013.01); **B65B 25/046** (2013.01); **B65B 35/54** (2013.01)

Cited by

EP2284083A1; CN103359315A; CN104386404A; CN103112615A; US2022177171A1; JP2017065699A; WO2014009138A1; WO2020178785A1

Designated contracting state (EPC)

DE ES FR GB NL

DOCDB simple family (publication)

**EP 1852354 A2 20071107**; **EP 1852354 A3 20071121**; **EP 1852354 B1 20100811**; DE 602007008312 D1 20100923; ES 2349695 T3 20110110; NL 1031651 C2 20071016

DOCDB simple family (application)

**EP 07075278 A 20070412**; DE 602007008312 T 20070412; ES 07075278 T 20070412; NL 1031651 A 20060413