

Title (en)

Device and method for sorting products to length

Title (de)

Vorrichtung und Verfahren zum Sortieren von Produkten nach Länge

Title (fr)

Dispositif et procédé pour trier des produits selon la longueur

Publication

EP 2540403 A1 20130102 (EN)

Application

EP 12174156 A 20120628

Priority

NL 2007006 A 20110628

Abstract (en)

The invention relates to a device for sorting elongate products (P) to length, comprising: - a feed conveyor (1) for transporting the products (P) in a direction of transport (T), wherein the conveyor (1) is adapted to hold the products (P) during transport with their longitudinal direction substantially parallel to the direction of transport (T); - a sorting conveyor (2) for transporting the products (P), wherein the sorting conveyor (2) is adapted to separate the products (P) according to their length during transport; wherein the sorting conveyor (2) comprises a number of successive sets (5, 6) (5', 6') of transport members, wherein each set comprises an upper (5, 5') and a lower transport member (6, 6') between which the products (P) can be clamped and moved forward; wherein a sorting opening (b) is provided between two successive lower transport members (6, 6') for allowing products with a length smaller than a sorting length to drop via the sorting opening (b).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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Citation (search report)

- [XDY] NL 1033048 C1 20080616 - GEGER MACHB B V [NL]
- [YA] NL 8403813 A 19860701 - MIEDEMA LANDBOUWWERKTUIGEN
- [X] FR 2847493 A1 20040528 - CFF RECYCLING [FR]
- [X] US 2011056797 A1 20110310 - TSAI TUNG-I [TW]

Cited by

CN109692801A; EP2777828A1

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