

Title (en)

System for sorting elongated products, and a corrugated belt conveyor

Title (de)

System zum Sortieren von länglichen Produkten und ein gewelltes Transportband

Title (fr)

Appareil de tri de produits allongés et un convoyeur avec une bande ondulée

Publication

EP 2080565 A2 20090722 (EN)

Application

EP 09151034 A 20090121

Priority

- EP 08001010 A 20080121
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Abstract (en)

A system for sorting elongated products with a longitudinal axis, for instance vegetables such as cucumbers (P), comprising a detection system for detecting and/or defining at least one characteristic of each product, an endless sorting conveyor (1) with elongated carrier units, wherein the carrier units (2) are tiltable about an axis parallel to the longitudinal axis, wherein carried along products (P) are released downwards in accordance with the characteristic mentioned, at least two discharge devices (4) for discharging, in accordance with the characteristic mentioned, the products released onto these discharge devices (4), a control for controlling the velocities of the sorting conveyor, the discharge devices and the releasing and collecting, collecting units provided with a said discharge device, which collecting units are configured for taking over and at least maintaining over a well defined path the orientation and the order of the products in a the sorting conveyor (1) during collection of the products after release from the carrier units (2). Also disclosed is a corrugated belt conveyor with bend.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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