

Title (en)

Device and method for sorting products and articles according to quality and size

Title (de)

Vorrichtung und Verfahren zur Qualitäts- und Grössensortierung von Produkten und Artikeln

Title (fr)

Dispositif et procédé de tri de produits et d'articles selon leur qualité et leur taille

Publication

EP 0620050 B1 19981021 (DE)

Application

EP 93106176 A 19930415

Priority

- EP 93106176 A 19930415
- DE 4127903 A 19910822

Abstract (en)

[origin: DE4127903A1] The sorter has a conveyor belt feed (1) with the produce being discharged past a measuring chamber (2). The chamber has a glass cylinder that is illuminated from above and below by two lighting units. The ends of the cylinder have a number of photoelectric detectors that respond to the passage of the produce. The lighting units provide emissions with different wavelengths and the detector outputs are interpreted by an electronic unit (10) to control a separator (9) to deflect the product into different sections (12). ADVANTAGE - Highly reliable measurements.

IPC 1-7

B07C 5/342

IPC 8 full level

B07C 5/342 (2006.01); **G07C 3/14** (2006.01)

CPC (source: EP)

B07C 5/342 (2013.01); **G07C 3/14** (2013.01)

Cited by

DE102011004167A1; RU2621485C2; CN102421540A; CN110963271A; DE102011054659A1; DE102011054659A9; DE102011004167B4; DE102010030908A1; DE102010030908B4; WO2012110340A1

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