

Title (en)

Apparatus for classifying products

Title (de)

Vorrichtung zur Klassifizierung von Produkten

Title (fr)

Appareil pour classier des produits

Publication

EP 2119511 A1 20091118 (EN)

Application

EP 09160055 A 20090512

Priority

- EP 08008818 A 20080513
- EP 09160055 A 20090512

Abstract (en)

A system for classifying products (11,12), for instance fruits or vegetables, more particularly cucumbers, with electromagnetic radiation, for instance visible light in combination with adjacent wavelength regions, during conveyance in substantially horizontal conveying direction, wherein the system comprises a first conveyor (10) and a second conveyor (20) each having parallel carrier belts (100,200); a first camera system (C1) directed to the first conveyor (10) and configured for making at least one first image of first parts of the products (P1); a second camera system (C2) directed to the second conveyor (20) and configured for making at least one second image of at least second parts of the products (P2) which, on the first conveyor (10), were covered by the carrier belts (100) thereof; a computer (500) configured for composing the first image and the second image to form a representation of the entire surface of each product, and for characterizing and classifying the products.

IPC 8 full level

B07C 5/342 (2006.01)

CPC (source: EP)

B07C 5/342 (2013.01)

Citation (applicant)

- US 5751833 A 19980512 - BLIT SHMUEL [IL], et al
- EP 07017714 A 20070911

Citation (search report)

- [DA] US 5751833 A 19980512 - BLIT SHMUEL [IL], et al
- [A] WO 0109013 A1 20010208 - LINTEC CORP [JP]

Designated contracting state (EPC)

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