

Title (en)

Method and device for automatic sorting of products, especially of fruit or vegetables

Title (de)

Verfahren und Vorrichtung zur automatischen Sortierung von Produkten, hauptsächlich von Früchten oder Gemüsen

Title (fr)

Procédé et dispositif de tri automatique de produits, notamment de fruits ou légumes

Publication

EP 0620051 B1 19980701 (FR)

Application

EP 94200873 A 19940330

Priority

FR 9304605 A 19930416

Abstract (en)

[origin: EP0620051A1] The invention relates to a method for automatic colorimetric sorting of products, such as fruit or vegetables, in which each product is illuminated by means of a beam embodying a succession of luminous streaks, the energy returned by the product in preselected wavelengths is recovered for each point of each luminous streak, the luminous intensity of each point is measured, the measured values are converted so as to form numerical data strings corresponding, for each wavelength, to the luminous intensity curves of each luminous streak, and the numerical data strings are computationally processed by comparing the values of the counterpart points in the said strings, so as to generate an exploitable colorimetric information item. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1188385A4; US5732147A; EP0796671A1; FR2746330A1; US6122001A; EP0736339A1; FR2732626A1; US5673113A; DE102021211548A1; EP4137813A1

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