

Title (en)

METHOD AND MEASURING DEVICE FOR MEASURING CONSTITUENTS AND/OR PROPERTIES OF A PRODUCT

Title (de)

VERFAHREN UND MESSEINRICHTUNG ZUR MESSUNG VON INHALTSSTOFFEN UND/ODER EIGENSCHAFTEN EINES PRODUKTES

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MESURE POUR MESURER DES CONSTITUANTS ET/OU DES PROPRIÉTÉS D'UN PRODUIT

Publication

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Application

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Abstract (en)

[origin: WO2014096089A1] The invention relates to a method and a measuring device for measuring constituents and/or properties of a product (P) such as a harvest crop, by means of a measuring device (ME), wherein a relative movement between the product (P) and the measuring device (ME) is produced, light is applied to the product (P) by means of at least one light source (L1, L2, L3), light reflected by the product (P) is detected by at least one detector (D), and signals which are present on the at least one detector (D) and which correspond to the intensity in a specific light wavelength range of the reflected light are evaluated. The aim of the invention is to In order to make it possible to evaluate the signals with little electronic outlay with a compact and robust measuring device. This is achieved in that individual objects (O) of the product (P) are scanned in a defined focal plane (FE) by means of measurement points (MP) corresponding to the dimensions of the objects (O) and that only signals of those objects (O) of the product (P) which are situated in the defined focal plane (FE) are processed further.

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