Title (en)
METHOD OF CALCULATING QUALITY PARAMETERS OF FOODSTUFFS

Title (de)
VERFAHREN ZUR BERECHNUNG VON QUALITÄTSPARAMETERN VON LEBENSMITTELN

Title (fr)
PROCÉDÉ DE CALCUL DE PARAMÈTRES DE QUALITÉ DE PRODUITS ALIMENTAIRES

Publication
EP 1984730 A1 20081029 (EN)

Application
EP 07709217 A 20070202

Priority
• NO 2007000034 W 20070202
• NO 20060609 A 20060207

Abstract (en)
[origin: WO2007091895A1] A method for calculating a range of quality parameters, for example colour, pigment content, fat and/or water content, of a foodstuff, in particular a foodstuff of animal origin, for example meat from fish and mammals, the method comprising the steps of providing a representative individual of the foodstuff; determining the characteristic size of the individual, for example length, area, volume and/or weight; positioning the measuring lens of a colour measuring instrument at a surface of the foodstuff representative of the quality parameters, and measuring the L*, a* and b* values (Chroma and Hue values) of the surface; comparing the measured values for the size of the present individual and colorimetric data to a multivariate model provided in advance, representative of a population of the species of the individual, the multivariate model being formed by mathematical processing of chemical analysis results, visual colour evaluation and individual size for the population and comprising correlation factors between the measured colorimetric data and a range of measured quality parameters, in order thereby to derive the quality parameters of the present individual in standardized units of measurement.

IPC 8 full level
G01N 33/12 (2006.01); **A22B 5/00** (2006.01); **A22C 25/00** (2006.01); **G01N 21/00** (2006.01)

CPC (source: EP)
A22B 5/007 (2013.01); **G01N 33/12** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007091895 A1 20070816; AU 2007212825 A1 20070816; AU 2007212825 B2 20100909; CA 2642482 A1 20070816; CA 2642482 C 20120320; DK 177150 B1 20120220; DK 200801232 A 20080905; EP 1984730 A1 20081029; EP 1984730 A4 20130522; JP 2009526222 A 20090716; NO 20060609 L 20070808; NO 324583 B1 20071126; NZ 569591 A 20111222

DOCDB simple family (application)
NO 2007000034 W 20070202; AU 2007212825 A 20070202; CA 2642482 A 20070202; DK PA200801232 A 20080905; EP 07709217 A 20070202; JP 2008554168 A 20070202; NO 20060609 A 20060207; NZ 56959107 A 20070202