

Title (en)

APPARATUS AND METHOD FOR DETECTING DEFECTS IN A FOODSTUFF

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERKENNEN VON FEHLERN IN LEBENSMITTELN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR DÉTECTER DES FAUTES DANS DES PRODUITS ALIMENTAIRES

Publication

**EP 3277439 B1 20190612 (EN)**

Application

**EP 16726937 A 20160404**

Priority

- IT PC20150004 A 20150402
- IB 2016051902 W 20160404

Abstract (en)

[origin: WO2016157160A1] The invention relates to an apparatus (10, 110) for detecting defects on the outer surface of foodstuffs (P) that comprises an optical system (40, 140) configured to analyse the surface of the foodstuffs (P) and detect the presence of any defects, wherein there are provided application means (20, 120) adapted to distribute a dry or fluid contrast material (23, 123) onto the surface of the foodstuffs (P), such that said contrast material can penetrate into any surface defects, and removal means (30, 130) adapted to remove excess contrast material from the surface, so that it remains inside the aforementioned surface defects only, said contrast material making the defects detectable by the optical system.

IPC 8 full level

**B07C 5/342** (2006.01)

CPC (source: EP)

**B07C 5/3427** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2016157160 A1 20161006**; EP 3277439 A1 20180207; EP 3277439 B1 20190612

DOCDB simple family (application)

**IB 2016051902 W 20160404**; EP 16726937 A 20160404