

Title (en)

APPARATUS AND METHOD FOR INSPECTING MULTI-LAYER PLASTIC CONTAINERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR INSPEKTION VON MEHRSCICHTIGEN PLASTIKBEHÄLTERN

Title (fr)

APPAREIL ET PROCEDE D'INSPECTION DE RECIPIENTS MULTICOUCHES EN PLASTIQUE

Publication

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Application

**EP 00930125 A 20000421**

Priority

- US 0010778 W 20000421
- US 13089499 P 19990423

Abstract (en)

[origin: WO0065327A1] This invention relates to an apparatus and method for inspecting multi-layer plastic containers (10). More particularly, the invention relates to such an apparatus and method whereby optical energy absorbing compounds are added to the materials comprising the layer(s) of the container (10) to facilitate inspection thereof. Apparatus comprises a sensor unit (40), an illumination unit (30) for illuminating a portion of electromagnetic spectrum at a near IR wavelength to an inspection zone (20) which is located between the sensor unit (40) and the illumination unit (30). A processing unit (50) which receives an output of the sensor unit (40) and determines the attributes of the multi-layer plastic containers (10).

IPC 8 full level

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Citation (search report)

- [A] US 4017194 A 19770412 - CONROY GARY D, et al
- [A] GB 1503451 A 19780308 - OWENS ILLINOIS INC [US]
- [A] WO 9818574 A1 19980507 - SORTEX LTD [GB], et al
- See also references of WO 0065327A1

Cited by

GB2482473A

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DOCDB simple family (publication)

**WO 0065327 A1 20001102**; **WO 0065327 A9 20020606**; AU 4800300 A 20001110; EP 1181526 A1 20020227; EP 1181526 A4 20070103; JP 2002543379 A 20021217

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