

Title (en)

INSTRUMENT FOR MEASURING THE THICKNESS OF A COATING ON BOTTLES

Title (de)

INSTRUMENT ZUR MESSUNG DER DICKE EINER BESCHICHTUNG AUF FLASCHEN

Title (fr)

INSTRUMENT POUR MESURER L'EPAISSEUR D'UN REVETEMENT SUR DES BOUTEILLES

Publication

EP 1738137 A1 20070103 (EN)

Application

EP 05738995 A 20050420

Priority

- BE 2005000050 W 20050420
- US 56441404 P 20040422

Abstract (en)

[origin: WO2005103605A1] The present invention is related to an apparatus and a method for measuring the coating thickness deposited inside or outside a plastic container by measuring the internal transmission at two wavelengths. One wavelength is in the infrared range, i.e. longer than 750nm, and allows to subtract the absorption of the substrate while the other wavelength is shorter and chosen in a range wherein absorption by the coating is maximum and absorption by the substrate is moderate.

IPC 8 full level

G01B 11/06 (2006.01); **G01N 21/59** (2006.01); **G01N 21/90** (2006.01); **G01N 21/84** (2006.01)

CPC (source: EP)

G01B 11/0625 (2013.01); **G01N 21/59** (2013.01); **G01N 21/9072** (2013.01); **G01N 21/9081** (2013.01); **G01N 2021/8427** (2013.01)

Citation (search report)

See references of WO 2005103605A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005103605 A1 20051103; EP 1738137 A1 20070103

DOCDB simple family (application)

BE 2005000050 W 20050420; EP 05738995 A 20050420