

Title (en)

CONTAINER WITH MOUTH AND CLOSURE WITH DISC SEAL

Title (de)

BEHÄLTER MIT MÜNDUNG UND VERSCHLUSS MIT DICHTSCHEIBE

Title (fr)

CONTENANT À EMBOUCHURE ET FERMETURE À RONDELLE D'ÉTANCHÉITÉ

Publication

EP 2688810 B1 20160720 (DE)

Application

EP 12707288 A 20120301

Priority

- DE 102011014886 A 20110323
- EP 2012053541 W 20120301

Abstract (en)

[origin: DE102011014886B3] The container (10) has a container wall and an opening (11) for filling and removing particular fluent or pourable filling material (20) in an interior of the container. A closure (15) comprises a sealing disk (30) for closing the opening. The sealing disk is provided with a defined fluorescent pigment (32) in the closure such that the existence of the pigment is detectable with sensors (40). The defined pigment acts by a radiation element (41) e.g. laser pointer and infrared light radiator, and delivers radiation, which is detectable by the sensor.

IPC 8 full level

B65D 51/20 (2006.01); **B65D 55/06** (2006.01)

CPC (source: EP US)

B65D 51/20 (2013.01 - EP US); **B65D 53/04** (2013.01 - US); **B65D 55/06** (2013.01 - EP US); **B65D 2251/0015** (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP US)

Citation (examination)

DE 102007058601 A1 20090610 - MERCK PATENT GMBH [DE]

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)

DE 102011014886 B3 20111215; EP 2688810 A1 20140129; EP 2688810 B1 20160720; MX 2013010785 A 20140416; MX 359940 B 20181017; US 2014091093 A1 20140403; US 9994373 B2 20180612; WO 2012126707 A1 20120927

DOCDB simple family (application)

DE 102011014886 A 20110323; EP 12707288 A 20120301; EP 2012053541 W 20120301; MX 2013010785 A 20120301; US 201214005403 A 20120301