

Title (en)

FILLING MACHINE FOR FILLING CONTAINERS

Title (de)

FÜLLMASCHINE ZUM BEFÜLLEN VON BEHÄLTERN

Title (fr)

MACHINE DE REMPLISSAGE PERMETTANT DE REMPLIR DES RÉCIPIENTS

Publication

EP 3554985 B1 20230308 (DE)

Application

EP 17808453 A 20171201

Priority

- DE 102016124446 A 20161215
- EP 2017081136 W 20171201

Abstract (en)

[origin: WO2018108575A1] The invention relates to a filling machine for filling containers (2) with a fluid filling material, wherein the fill level in the container (2) to be filled can be determined by optical detection means, characterised in that the internal space of the container is at least partially illuminated by a light source (3), and in that the fill level is detected by optical detection means (4) provided laterally adjacent to the container (2), or a camera (6) or a light-guide (5) connected to a camera (6) is provided in the region of the filling element (1), and in that at least one computer unit having image processing program means is provided, by means of which the fill height (FS) in the container (2) can be determined from the image information provided by the camera (6) by running an image processing program.

IPC 8 full level

B67C 3/00 (2006.01); **B67C 3/28** (2006.01)

CPC (source: EP)

B67C 3/007 (2013.01); **B67C 3/284** (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 2018108575 A1 20180621; DE 102016124446 A1 20180621; EP 3554985 A1 20191023; EP 3554985 B1 20230308; SI 3554985 T1 20230731

DOCDB simple family (application)

EP 2017081136 W 20171201; DE 102016124446 A 20161215; EP 17808453 A 20171201; SI 201731348 T 20171201