

Title (en)

Filling unit of a container filling machine, having improved sensing capability

Title (de)

Abfülleinheit einer Behälterfüllmaschine mit verbesserter Erfassungsfähigkeit

Title (fr)

Unité de remplissage d'une machine de remplissage de récipients, dotée d'une capacité de détection améliorée

Publication

EP 2803621 A1 20141119 (EN)

Application

EP 13167937 A 20130515

Priority

EP 13167937 A 20130515

Abstract (en)

A filling unit (10) of a filling machine (1) engages at least one container (2) to carry out filling thereof with a product, and has a flow regulator device (14) to regulate flow of the product within the container (2) during filling operations. The filling unit is integrally provided with a sensor element (17), to detect at least one operating parameter related to the filling operations, during the filling operations, the at least one operating parameter being associated to a pressure within the container (2) being filled. The filling unit is also provided with a computing unit (32) and with a storage memory (34) to store operating parameters during the filling operations.

IPC 8 full level

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

CPC (source: EP)

B67C 3/007 (2013.01); **B67C 3/283** (2013.01); **B67C 3/287** (2013.01)

Citation (search report)

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2803621 A1 20141119; EP 2803624 A1 20141119; EP 2803624 B1 20170201

DOCDB simple family (application)

EP 13167937 A 20130515; EP 14001722 A 20140515