

Title (en)

METHOD AND DEVICE FOR CHECKING AND CONTROLLING THE FILLING OF CONTAINERS BY A GIVEN WEIGHT OF A PRODUCT

Publication

EP 0147263 B1 19880309 (FR)

Application

EP 84402270 A 19841109

Priority

FR 8318418 A 19831118

Abstract (en)

[origin: ES8601054A1] The microprocessor controlled filling system incorporates a weighing stage in conjunction with the volumetric measure in order to modify the volumetric dosage. The vessel is weighed when empty and the weight memorised. The liquid is delivered from a reservoir through a filling nozzle. - A continuous weighing system (36) is used to control the delivered volume by means of a control system which uses the result of the weighing to control the fluid delivery through either the modification by means of a motor driven screw, of the profile of a cam which determines the displacement of the delivery piston (28) or by counting the number of revolutions of a rotary delivery pump. The filled vessel is automatically weighed and the delivery settings modified to maintain accurate control as the filling process continues.

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IPC 8 full level

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