

Title (en)

Valve assembly for an isobaric filling machine

Title (de)

Ventilanordnung für eine isobare Füllmaschine

Title (fr)

Ensemble soupape pour une machine de remplissage isobare

Publication

**EP 2236454 B1 20130918 (EN)**

Application

**EP 10158221 A 20100329**

Priority

IT PD20090075 A 20090331

Abstract (en)

[origin: EP2236454A1] Valve assembly (1) for an isobaric machine for filling containers with liquids which comprises a tubular shutter (18) mounted coaxially in a supply duct (11) and a compensation cannula (26) mounted coaxially in a sealed manner in the same tubular shutter and able to be moved cyclically to automatically adjust the level of liquid in the container (4) through blowing of gas inside it. It is foreseen for there to be first actuator means (30) which move the compensation cannula cyclically, second actuator means (32) which move the first actuator means between different heights to vary the predetermined height of the level in the container and third actuator means (33) acting upon the tubular shutter to move it, irrespective of the stroke of the compensation cannula, selectively between an open position and a closed position.

IPC 8 full level

**B67C 3/26** (2006.01)

CPC (source: EP)

**B67C 3/262** (2013.01); **B67C 3/2628** (2013.01); **B67C 2003/2668** (2013.01)

Cited by

WO2014054027A1; ITTO20120869A1; ITBS20110036A1; ITTO20130302A1; EP2444364A1; CN117776080A; US10040678B2; WO2014170812A1; US10633238B2; FR3088632A1; WO2020099543A1; US10040582B2; ITUB20155375A1; EP3453673A1; IT201700101252A1; EP4105164A1; IT202100015512A1

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