

Title (en)
DEVICE FOR FLOW RATE CONTROL

Title (de)
VORRICHTUNG ZUR STEUERUNG DER DURCHFLUSSMENGE

Title (fr)
DISPOSITIF DE RÉGULATION DE DÉBIT

Publication
EP 3041746 A1 20160713 (DE)

Application
EP 14744851 A 20140730

Priority
• DE 102013109633 A 20130904
• EP 2014066361 W 20140730

Abstract (en)
[origin: WO2015032555A1] A device (19) for controlling the flow rate of flowable products, in particular foodstuffs, is shown and described, comprising: a valve rod (1), a sealing element (5), which is connected to the valve rod (1) and has at least one sealing lip (9), the sealing element (5) having a base plane (11) and a contact plane (10) with the sealing lip (9) arranged in the contact plane (10), and a run-out element (13) with a stop plane (14) and with at least one run-out channel (17), the stop plane (14) having at least one sealing region (15), assigned to the sealing lip (9), and at least one run-out region (16), connected to the run-out channel (17). In order to allow the filling of flowable products to be performed without dripping and in a way that involves low cost and a simple construction, it is proposed that the contact plane (10) is at a distance from the base plane (11) so as to form an offset between the sealing lip (9) and the base plane (11).

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2015032555A1

Cited by
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