

Title (en)

APPARATUS FOR THE DOSED FILLING OF CONTAINERS WITH LIQUID OR VISCOUS MATERIAL

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Application

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Priority

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Abstract (en)

[origin: US4860926A] The invention relates to an arrangement for dosingly filling pasty or fluid filling material into containers. The arrangement is provided with a rotatably mounted cylinder and an axially slidably mounted piston which moves within the rotatable cylinder and which in its extreme inner position closes at least a third, but preferably about 50% of a window-like through opening, respectively inlet opening in the housing of the device. When retracting the dosing piston it exposes the portion of the through opening which has been closed when the piston is in its innermost position. By filling containers by means of the device of this invention, the filling material is automatically dropped into the rotating cylinder and is thereby subjected to an extraordinarily sparingly sensitive manipulation, which is particularly significant for sensitive products, such as for example salad-like products. Moreover, the dosing piston and the rotatable cylinder can be moved relative to each other into axially extreme positions so that a universal thorough rinsing of the various parts forming the assembly of the arrangement are made possible.

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