

Title (en)

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

Publication

EP 0265597 A3 19880817 (DE)

Application

EP 87110183 A 19870715

Priority

DE 3636804 A 19861029

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.

IPC 1-7

B65B 3/32

IPC 8 full level

B65B 3/32 (2006.01)

CPC (source: EP US)

B65B 3/32 (2013.01 - EP US)

Citation (search report)

- [X] EP 0185958 A2 19860702 - LIEDER MASCHINENBAU GMBH & CO [DE]
- [X] DE 3010010 A1 19810924 - LIEDER MASCHINENBAU GMBH & CO [DE]

Cited by

EP2111120B1

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

EP 0265597 A2 19880504; EP 0265597 A3 19880817; EP 0265597 B1 19910327; DE 3636804 C1 19880526; US 4860926 A 19890829

DOCDB simple family (application)

EP 87110183 A 19870715; DE 3636804 A 19861029; US 10250887 A 19870929