

Title (en)

DEVICE FOR THE SEALING AND CONTINUOUS DISCHARGING OF THE CONTAINER OF A PROCESSING PLANT

Publication

**EP 0114366 B1 19870819 (DE)**

Application

**EP 83112922 A 19831221**

Priority

DE 3302109 A 19830122

Abstract (en)

[origin: ES8503610A1] Described is an apparatus for closing and continuously emptying the container of a processing machine by means of a closure cover (6-9) which is arranged in the bottom (1) of the container and which is driven so that it can be moved into and out of the emptying opening (2) in the bottom (1) of the container by way of a pivotal shaft (17) acting as a lifting means on a mounting means, for example a mounting arm (16), outside the container. In order to permit both coarse and fine adjustment of the discharge rate in operation and also closure of the container, without incurring high levels of capital investment and also with robust operating characteristics, the invention provides that the closure cover (6-9) has a controllable rotary drive means (11, 14, 15), the pivotal shaft (17) acting as the lifting means is connected to a control drive means (21) for precise adjustment of the inclination of the mounting arm (16) and that the emptying opening (2) has a downwardly frustoconically flaring discharge hopper (4) into which the closure cover (6-9) can engage.

IPC 1-7

**B01F 15/02**

IPC 8 full level

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CPC (source: EP US)

**B01F 35/45** (2022.01 - US); **B01F 35/451** (2022.01 - EP); **B01F 35/453** (2022.01 - EP)

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**EP 0114366 A2 19840801**; **EP 0114366 A3 19850814**; **EP 0114366 B1 19870819**; AT E28985 T1 19870915; AU 2310284 A 19840726; AU 566910 B2 19871105; BR 8400225 A 19840828; CA 1218626 A 19870303; DE 3302109 A1 19840809; DE 3302109 C2 19870917; DE 3373062 D1 19870924; ES 528989 A0 19850301; ES 8503610 A1 19850301; IN 160968 B 19870822; JP H0543597 B2 19930702; JP S59142991 A 19840816; US 4560283 A 19851224; ZA 84253 B 19840926

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