

Title (en)
TWO CHAMBER WASTE DISPOSAL CONTAINER

Publication
EP 0294607 B1 19911218 (DE)

Application
EP 88107544 A 19880511

Priority
DE 8707096 U 19870517

Abstract (en)
[origin: EP0294607A1] In order, in a two chamber waste disposal container, in particular for waste disposal vehicles, having an axially displaceable ejecting piston which separates the suction chamber of the container, provided with a lid capable of being opened, from the pressure chamber, the ejecting piston being provided with at least one guide ring and seals, arranged between the outside of the guide ring and the inside of the container wall, and also a plate which blocks off the lumen of the guide ring, to make safe the functioning of the ejecting piston by automatic and mechanical safety devices, to monitor and control the impulses for the sliding movement of the ejecting piston, to counteract operating errors and to increase operating reliability and safety, and also in order to stop the ejecting piston, in the event of the failure of the upstream safety devices, at the container end, in which process the stopping is to cause no damage, repairable only at considerable expense, to the container and/or to the ejecting piston, the seals are designed as guide profile rings (13), of which one sealing profile ring (13) is situated at the end of the ejecting piston (10) assigned to the pressure chamber (3.2) and another sealing profile ring (13) is situated close to the end assigned to a suction chamber (3.1). <IMAGE>

IPC 1-7
B60P 3/22; **E03F 7/10**

IPC 8 full level
B60P 3/22 (2006.01); **B65D 88/60** (2006.01); **E03F 7/10** (2006.01)

CPC (source: EP)
B65D 88/60 (2013.01); **E03F 7/10** (2013.01); **E03F 7/103** (2013.01)

Cited by
DE4226334A1; DE102018111096A1; EP0583646A3; CN109335291A; EP0509353A1; US2018314272A1; US10627837B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0294607 A1 19881214; **EP 0294607 B1 19911218**; AT E70581 T1 19920115; DE 3866957 D1 19920130; DE 8707096 U1 19880623

DOCDB simple family (application)
EP 88107544 A 19880511; AT 88107544 T 19880511; DE 3866957 T 19880511; DE 8707096 U 19870517