

Title (en)
DIPPING FILLING DEVICE

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Application
EP 84108133 A 19840711

Priority
DE 3325747 A 19830716

Abstract (en)
[origin: ES8504046A1] Described is a filling apparatus for filling packaging means with quantitatively controllable amounts of a flow substance, having a pump piston (54) which is movable in a cylinder (50), wherein the feed end and the discharge end of the pump chamber (9) are respectively closed by valves (4, 5) and, to avoid foaming, the discharge end at least partially dips into the upwardly open packaging means (10). Also provided is a drive means (31, 37) with cam member (28). So that, as far as possible, only one essential machine component has to be moved, quantitatively controlled filling is possible, with a small height of drop, and preferably also the volume of filling can be varied without major conversion operation, it is provided in accordance with the invention that the annular pump piston (54) and the piston rod (6) are of a hollow configuration, the discharge end has a discharge nozzle (54') mounted on the end of the piston rod (6) that is remote from the piston (54), and the emptying valve (5), the feed valve (4) is arranged on the cylinder (50), and that the drive means (31, 37) has at least two rotationally mounted levers (31, 37) which are in adjustable driving engagement with each other, and a coupling means (21-23) which engages around the piston rod (6) and which is connected to one of the levers (37).

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Citation (search report)
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