

Title (en)

APPARATUS FOR PREVENTING OVERFILLING OF LIQUID TANKS, ESPECIALLY FOR LIQUID TANKER TRUCKS

Publication

EP 0134295 B1 19870225 (DE)

Application

EP 83108895 A 19830908

Priority

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Abstract (en)

[origin: EP0134295A1] 1. A device for the automatic prevention of overfilling two containers for liquids (31, 32), particularly such as used for liquid hauling equipment, in which a shutoff element (4), held in the shutting position by a spring (5), is built into the feed pipe system (33) of the containers for liquids (31, 32), the breech mechanism of which is joined to the piston (7) of a pneumatic working cylinder (6) which is connected to a pressure air source (13) via a two positions - three way valve (9a, 9b), the actuating element of which is operated for the venting of the working cylinder (6) via a detecting element (18) sensing the level of the liquid and being situated in the respective container for liquids (31, 32), each of the containers being equipped with a two positions - three way valve (9a, 9b) actuated by the detector element (18), characterized in that the two containers for liquids (31, 32) can simultaneously be filled via a common feed pipe system (33) in which the shutoff element (4) is common for both containers for liquids (31, 32), and that the two positions - three way valves (9a, 9b) are connected with each other and with the pressure air source (13) via a three positions - three way valve (36) with positive feed back control.

IPC 1-7

B67D 5/34

IPC 8 full level

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