

Title (en)

APPARATUS TO RETAIN LIQUID IN A SUBSTANTIALLY HORIZONTAL CONDUIT, OPEN AT ONE END, WHEN THE LIQUID FLOW RATE DROPS BELOW A GIVEN LEVEL

Publication

EP 0216667 B1 19890222 (FR)

Application

EP 86401838 A 19860819

Priority

FR 8512667 A 19850823

Abstract (en)

[origin: US4773449A] A device is placed in a horizontal duct, whose outlet issues into a gaseous medium, in order to retain liquid normally circulating in said duct when the flow drops below a given threshold. This device has tubes having at least one low point and at least one high point located downstream of the low point. Therefore the tubes can be helically wound around a core. At their upstream end, the tubes are fixed to a tight plate. Holes made in the tubes at the location of the high points prevent any siphon effect. Thus, liquid plugs form in the tubes when the flow is low or zero.

IPC 1-7

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CPC (source: EP US)

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