

Title (en)  
Controlling device for a drain-siphon.

Title (de)  
Regelvorrichtung für eine Siphon.

Title (fr)  
Dispositif pour assurer la régulation du fonctionnement d'un drain-siphon.

Publication  
**EP 0678632 A1 19951025 (FR)**

Application  
**EP 95420106 A 19950420**

Priority  
FR 9405053 A 19940421

Abstract (en)  
The regulator consists of a regulating and re-charging element (5,7) comprising a tube (5) with a lower U-shaped end (6) which is full of water and is submerged in the reservoir. The upper end fits inside a bell (7) which has both ends closed and a perforated wall (8) close to the submersion point of tube. The tube is also connected to a regulating duct (9) with a hook-shaped upper end, the tip of which lies below the level of the top of the tube. The regulating/re-charging element is fixed to the top of the siphon, and its perforated wall section lies on a level with the top of the siphon's hook-shaped outlet end. <IMAGE>

Abstract (fr)  
Dans ce dispositif pour assurer la régulation du fonctionnement d'un drain-siphon, dont les extrémités amont (32) et avale plongent en permanence dans un réservoir permanent de liquide, et notamment d'eau, respectivement (1), l'une des extrémités dudit siphon est munie d'un organe de régulation et de réamorçage (5, 7) destiné à stopper le drainage lorsque le débit d'écoulement atteint un seuil minimal dénommé "débit critique", ledit organe étant en outre destiné à réamorcer le siphon par effet de chasse, lorsque le drainage a été interrompu. <IMAGE>

IPC 1-7  
**E03F 5/10; F04F 10/00**

IPC 8 full level  
**E02D 3/10** (2006.01); **E03F 5/10** (2006.01); **F04F 10/02** (2006.01)

CPC (source: EP)  
**E02D 3/10** (2013.01); **E03F 5/106** (2013.01); **E03F 9/007** (2013.01); **F04F 10/02** (2013.01)

Citation (search report)  
• [DA] FR 2593203 A1 19870724 - HYDRO GEO [FR]  
• [A] US 3874402 A 19750401 - HAZEN THAMON E

Cited by  
CN108547661A; RU2506465C1; CN108547662A

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DOCDB simple family (publication)  
**EP 0678632 A1 19951025; EP 0678632 B1 19990929**; AT E185180 T1 19991015; DE 69512455 D1 19991104; DE 69512455 T2 20000531; ES 2139866 T3 20000216; FR 2719085 A1 19951027; FR 2719085 B1 19960531

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