

Title (en)

Flow control device

Title (de)

Vorrichtung zur Abflussmengenregelung

Title (fr)

Dispositif de contrÔle de débit

Publication

EP 0627530 B1 19970326 (DE)

Application

EP 94107198 A 19940509

Priority

DE 4315693 A 19930511

Abstract (en)

[origin: EP0627530A1] Discharge-quantity controlling device in sewerage systems, in particular for connection to the discharge of a rainwater or combined-sewage tank, in the case of which control means there is provided, between an inflow connection stub and an outflow connection stub (16, 18), a float chamber (10) which is of a widened cross-section and contains a float (22) which is suspended by means of parallel linking means (26, 28) and follows the build-up, which changes in the float chamber with a variable inflow quantity, upwards or downwards. A shut-off member (44) arranged in the float chamber, behind the inflow opening (20), can be adjusted by a transition means (66, 36, 38), connected to one of the linking means (26), in order to restrict variable quantities of inflowing water to a discharge quantity which can be adjustably controlled without external energy (Figure 1). <IMAGE>

IPC 1-7

E03F 5/10

IPC 8 full level

E03F 5/10 (2006.01)

CPC (source: EP)

E03F 5/107 (2013.01)

Designated contracting state (EPC)

AT BE CH DE ES FR IT LI LU NL

DOCDB simple family (publication)

EP 0627530 A1 19941207; EP 0627530 B1 19970326; AT E150827 T1 19970415; DE 4315693 A1 19941117; DE 59402196 D1 19970430

DOCDB simple family (application)

EP 94107198 A 19940509; AT 94107198 T 19940509; DE 4315693 A 19930511; DE 59402196 T 19940509