

Title (en)
DEVICE FOR COLLECTING, TEMPORARILY STORING AND DRAINING OFF RAINWATER

Title (de)
VORRICHTUNG ZUM SAMMELN, ZEITLICHES SPEICHERN UND ABZUG VON REGENWASSER

Title (fr)
DISPOSITIF DE RECUEIL, DE STOCKAGE TEMPORAIRE ET DE REJET D'EAU DE PLUIE

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Application
EP 97912558 A 19971104

Priority
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• NL 1004453 A 19961106

Abstract (en)
[origin: WO9820209A1] A device for collecting, temporarily storing and draining off rainwater comprises an intermediate storage tank (2), which is provided with at least one infeed (4), a first outlet (8) arranged close to the bottom (6) of the tank and a second outlet (10) arranged at a distance above the bottom. The first outlet (8) is provided with a self-adjusting flow limiter (20), preferably in the form of a valve which is controlled by the flow rate into the first outlet (8) and has a ball-shaped valve body (24) which is able to close off the inflow opening (18) of the first outlet (8). The relative density of the ball (24) is slightly greater than that of water. In the event of light rainfall, contaminated rainwater is drained off via the first outlet (8), while in the event of heavy rainfall the first outlet is closed off by the ball (24) and relatively clean rainwater is drained off via the second outlet (10).

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