

Title (en)
DEVICE FOR RETAINING WASTE AT THE OUTLETS OF DISCHARGE CHANNELS, OUTFLOWS, NOZZLES, PIPES AND GULLEYS, AND METHOD FOR THE CUSTOM DESIGN OF SUCH A DEVICE

Title (de)
VORRICHTUNG ZUM HALTEN VON ABFALL AN DEN AUSGÄNGEN VON ABFLUSSKANÄLEN, ABFLUSSROHREN, ROHREN UND ABLAUFRINNEN UND VERFAHREN ZUM KUNDENSPEZIFISCHEN ENTWURF EINER SOLCHEN VORRICHTUNG

Title (fr)
DISPOSITIF DE RÉTENTION DE DÉCHETS EN SORTIES D'ÉMISSAIRES, D'EXUTOIRES, DE BUSES, DE CANALISATIONS ET D'AVALOIRS ET PROCÉDÉ DE CONCEPTION SUR MESURE D'UN TEL DISPOSITIF

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Application
EP 21728209 A 20210521

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• EP 2021063725 W 20210521

Abstract (en)
[origin: WO2021234175A1] Device (10) for retaining waste (13), having a main net (11) and at least one fastening means that is able to fasten an opening (15) of the main net to a solid support, said opening surrounding an outlet (5) of a rainwater network such that all of the water flushed through the outlet (5) passes through the net. According to the main feature of the device, the strength of the main net (11) is such that it can support the limit tensile force corresponding to the weight of the water falling into the main net (11) filled with waste (13) if a maximum flow rate of water arrives at the outlet, the strength of at least one fastening means being designed as a function of this limit tensile force and of the strength of the main net (11) and to be less than this limit tensile force in order that the retaining device (10) detaches from its support when this tensile force is reached and thus to avoid obstruction of the rainwater outlet (5) and flooding of the parts situated upstream of the retaining device (10). The net (11) has a flared shape such that, between its opening (15), through which the water filled with waste passes, and the face of the bottom (14) of the net, the passage surface inside the net, also designated flow cross section, increases in a ratio of between 1.5 and 2.5.

IPC 8 full level
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Citation (search report)
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