

Title (en)

A SYSTEM FOR ASSEMBLING A ROAD AS WELL AS A ROAD AND A METHOD FOR CAPTURING TRAFFIC-PRODUCED CONTAMINATION, USE OF A SYSTEM OF FILTERS FOR REMOVING TRAFFIC CONTAMINATION FROM WATER, AND A PLASTIC SUPPORTING STRUCTURE FOR SUPPORTING A ROAD AND HAVING A FILTER

Title (de)

STRASSENBAU UND METHODE ZUR KONTAMINATIONSBESEITIGUNG UND KUNSTSTOFFTRÄGER

Title (fr)

SYSTÈME D'ASSEMBLAGE DE ROUTE AINSI QUE ROUTE ET PROCÉDÉ DE CAPTURE D'UNE CONTAMINATION PRODUITE PAR LA CIRCULATION, UTILISATION D'UN SYSTÈME DE FILTRES POUR ÉLIMINER LA CONTAMINATION DE CIRCULATION CONTENUE DANS L'EAU, ET STRUCTURE DE SUPPORT EN PLASTIQUE POUR SUPPORTER UNE ROUTE ET AYANT UN FILTRE

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Application

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Abstract (en)

[origin: WO2022025767A1] A system for assembling a road (1), wherein the system comprises a plurality of plastic support structures (4) and a plurality of road deck elements (2, 3, 3a, 3b), wherein each of the support structures comprises a base plate (5) and at least one supporting element (6), extending, or for extending, upwardly from the base plate for supporting at least partly one of the road deck elements, wherein in an assembled condition the system is such that when rainwater drops onto the road, it predominantly flows away over the road to one or more rainwater collection points (cP) adjacent each support structure and/or each road deck element, wherein the plurality of plastic support structures comprises a multifunctional support structure which is provided with at least one filter (9) for filtering rainwater that has from the one or more rainwater collection points entered a treatment volume (TV) which is spanned by dimensions of the multifunctional support structure, wherein at least a part of the at least one filter is positioned within that treatment volume. A method for capturing contamination out of rainwater, use of a system of filters, a support structure and a road are also disclosed.

IPC 8 full level

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