

Title (en)

DRAINAGE BLOCKS FOR DIKES OR URBAN SETTINGS

Title (de)

ENTWÄSSERUNGSBLÖCKE FÜR DEICHE ODER STÄDTISCHE ORTE

Title (fr)

BLOCS DE DRAINAGE POUR LES DIGUES OU LES ENDROITS URBAINS

Publication

**EP 3577278 B1 20201118 (EN)**

Application

**EP 18707984 A 20180202**

Priority

- NL 2018297 A 20170203
- NL 2018050074 W 20180202

Abstract (en)

[origin: WO2018143808A1] A drainage block for dikes or urban settings and for use as a road pavement is provided with drainage and water buffering properties. The drainage blocks may be used in urban areas as pavement, or fundament or substructure underneath a street layer with porous / water passing pavement stones or clinkers with drainage and water buffering properties. The drainage blocks comprise four lateral faces, a base, and a single stem connecting the slab and the base, which stem has a cross-sectional area that is smaller than the cross-sectional areas of the slab and the base, thereby forming a water buffering space between the slab and the base; and wherein each of the four lateral faces of the slab comprises a single spacing projection.

IPC 8 full level

**E02B 3/14** (2006.01); **E01C 5/06** (2006.01)

CPC (source: EP US)

**E01C 5/065** (2013.01 - EP US); **E02B 3/10** (2013.01 - US); **E02B 3/14** (2013.01 - EP); **E01C 2201/02** (2013.01 - EP US); **E01C 2201/202** (2013.01 - EP US)

Citation (opposition)

Opponent : Octrooibureau Van der Lely N.V.

- JP 2002004242 A 20020109 - TETRA KK
- CN 105780726 A 20160720 - ZHOU JIN
- NL 1039139 C2 20130506 - SPEKPANNEKOEK B V, et al

Cited by

NL2029051B1; WO2023025732A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2018143808 A1 20180809**; BR 112019016075 A2 20200331; CN 110520573 A 20191129; DE 202018006645 U1 20211012; DK 3577278 T3 20210222; EP 3577278 A1 20191211; EP 3577278 B1 20201118; ES 2856255 T3 20210927; JP 2020506318 A 20200227; JP 7146780 B2 20221004; NL 2018297 B1 20180828; US 2020378071 A1 20201203

DOCDB simple family (application)

**NL 2018050074 W 20180202**; BR 112019016075 A 20180202; CN 201880010113 A 20180202; DE 202018006645 U 20180202; DK 18707984 T 20180202; EP 18707984 A 20180202; ES 18707984 T 20180202; JP 2019542384 A 20180202; NL 2018297 A 20170203; US 201816482716 A 20180202