

Title (en)
Assembly for surface drainage of rain water

Title (de)
Anlage zur Flächenversickerung von Niederschlagsabflüssen

Title (fr)
Installation de drainage de précipitations

Publication
EP 2402507 A3 20160427 (DE)

Application
EP 11450081 A 20110621

Priority
AT 11092010 A 20100630

Abstract (en)
[origin: EP2402507A2] The system has a ballast bed provided between a mineral underground (1) and a mineral undersurface (15) as a support layer (2) for a supporting structure (6). The supporting structure secures a surface region persisting over a drainage surface in a transition region from a leafy, mineral upper surface (14) to the undersurface. The supporting structure removes live loads from a surface of the upper surface on the support layer. A water storage layer is provided between the support layer and the underground. The supporting structure interfuses the upper surface and the lower surface. An independent claim is also included for a method for manufacturing a system for surface drainage of rain water.

IPC 8 full level
E01C 9/00 (2006.01); **E01C 11/22** (2006.01)

CPC (source: EP)
E01C 9/004 (2013.01); **E01C 11/225** (2013.01)

Citation (search report)

- [I] DE 20305149 U1 20030828 - HUEBNER LEE ERNST HUEBNER E K [DE]
- [I] DE 3140701 A1 19830428 - BARSTADT HERMANN
- [I] US 2006263146 A1 20061123 - MORALES CHRIS M [US], et al

Cited by
CN114182600A; CZ306190B6; WO2017050304A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
AT 509599 A4 20111015; AT 509599 B1 20111015; EP 2402507 A2 20120104; EP 2402507 A3 20160427

DOCDB simple family (application)
AT 11092010 A 20100630; EP 11450081 A 20110621