

Title (en)
DRAINAGE SYSTEM, DRAINAGE UNITS, AND METHODS

Title (de)
ENTWÄSSERUNGSSYSTEM, EINHEITEN UND VERFAHREN

Title (fr)
SYSTÈME DE DRAINAGE, UNITÉS ET PROCÉDÉ

Publication
EP 3927889 A1 20211229 (DE)

Application
EP 19725735 A 20190523

Priority
• EP 2019054379 W 20190221
• EP 2019054383 W 20190221
• EP 2019063402 W 20190523

Abstract (en)
[origin: WO2020169215A1] Disclosed is a drainage system (1) comprising: at least one water receiving unit (20) having: a water receptacle (22) for receiving water from an adjoining surface of an upper stratum; and at least one drainage unit comprising: a body; wherein: the water receptacle (22) can be integrated into the upper stratum; the drainage unit can be provided and oriented, at least in part, in a central stratum at a distance under the surface, with respect to its uppermost face, such that water flowing out of the water receiving unit (20) can flow into the drainage unit through a connection between the water receptacle (22) and the body; and the connection can be maintained irrespective of a change in this distance. Also disclosed are drainage units and methods.

IPC 8 full level
E01C 11/22 (2006.01); **E03F 3/04** (2006.01)

CPC (source: EP US)
E01C 11/227 (2013.01 - EP US); **E03F 3/04** (2013.01 - US); **E03F 3/046** (2013.01 - EP US); **E03F 3/06** (2013.01 - US); **E03F 5/04** (2013.01 - US); **E03F 5/06** (2013.01 - EP); **F16L 9/22** (2013.01 - US); **E01B 1/008** (2013.01 - US); **E03F 5/06** (2013.01 - US); **E03F 2005/0413** (2013.01 - EP US); **F16L 9/22** (2013.01 - EP)

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)
WO 2020169215 A1 20200827; AU 2019430305 A1 20210909; AU 2023216871 A1 20230907; CN 113474511 A 20211001; CN 113474511 B 20230926; EP 3927889 A1 20211229; EP 3927890 A1 20211229; US 11933034 B2 20240319; US 2022120073 A1 20220421; US 2022127835 A1 20220428; WO 2020169216 A1 20200827; ZA 202106986 B 20221221

DOCDB simple family (application)
EP 2019063402 W 20190523; AU 2019430305 A 20190523; AU 2023216871 A 20230818; CN 201980092838 A 20190523; EP 19725735 A 20190523; EP 19725736 A 20190523; EP 2019063403 W 20190523; US 201917431645 A 20190523; US 201917431663 A 20190523; ZA 202106986 A 20210920