

Title (en)

MODULAR STORM WATER RETENTION SYSTEM

Title (de)

MODULARES REGENWASSERRÜCKHALTESYSTEM

Title (fr)

SYSTÈME DE RÉTENTION D'EAU D'ORAGE MODULAIRE

Publication

EP 3464740 B1 20210929 (EN)

Application

EP 17728965 A 20170524

Priority

- US 201615172691 A 20160603
- US 2017034199 W 20170524

Abstract (en)

[origin: WO2017210054A1] The application concerns a modular storm water retention system and a method of constructing the retention system whereby the system includes a plurality of modular retaining units (1040) which are selectively connected together to form an interior chamber volume (1106) for collecting storm water run-off directed into the chamber volume. A plurality of modular trays (1180) are engaged with the top portions of the respective retention units to prevent relative movement of the retention units and eliminate, or substantially reduce, the need for porous material to be installed in and around the retention units greatly increasing the excavation void space usable for water collection and retention. The trays further support the backfill material and prevent passage of the backfill material into the void space below the trays.

IPC 8 full level

E03F 1/00 (2006.01)

CPC (source: EP)

E03F 1/003 (2013.01)

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2017210054 A1 20171207; AU 2017275411 A1 20190117; AU 2017275411 B2 20211014; CA 3064722 A1 20171207; CA 3064722 C 20200707; CN 109563701 A 20190402; CN 109563701 B 20210817; EP 3464740 A1 20190410; EP 3464740 B1 20210929; MY 193906 A 20221031; NZ 749420 A 20211224

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US 2017034199 W 20170524; AU 2017275411 A 20170524; CA 3064722 A 20170524; CN 201780045568 A 20170524; EP 17728965 A 20170524; MY PI2018002317 A 20170524; NZ 74942017 A 20170524