

Title (en)

Irrigation, draining and/or heating system of a surface and method for heating a surface

Title (de)

Bewässerungs-, Entwässerungs- und/oder Heizsystem einer Oberfläche und Verfahren zum Erwärmen einer Oberfläche

Title (fr)

Système d'irrigation, de drainage et/ou de chauffage d'une surface et procédé de chauffage d'une surface

Publication

EP 3002369 A1 20160406 (EN)

Application

EP 14425121 A 20141003

Priority

EP 14425121 A 20141003

Abstract (en)

An irrigation, draining and/or heating system of a surface, comprising: -a tank (215) defined by a water-proofing sheath (214) housed in an excavation in the ground; -a water grid (201) located inside said tank (215), comprising at least one inlet module (202) and at least one outlet module (203); -an outer water reservoir; -one or more inlet (260) and outlet (261) connections, connecting said water grid (201) to said outer water reservoir; and -a draining soil to fill said tank. Each of said at least two modules comprises an impermeable main pipe (204) from which a series of permeable conduits (205) emerges, where said conduits lie on the same horizontal plane of said main pipe.

IPC 8 full level

E01C 13/02 (2006.01); **E01C 13/08** (2006.01)

CPC (source: CN EA EP)

E01C 13/02 (2013.01 - CN EA EP); **E01C 13/083** (2013.01 - CN EA EP)

Citation (applicant)

- US 3908385 A 19750930 - DANIEL WILLIAM H, et al
- WO 9625035 A1 19960822 - MOTZ GROUP [US], et al
- WO 2010143161 A2 20101216 - ESAE S R L [IT], et al
- WO 2011143161 A1 20111117 - SANOFI SA [FR], et al

Citation (search report)

- [AD] US 3908385 A 19750930 - DANIEL WILLIAM H, et al
- [AD] WO 9625035 A1 19960822 - MOTZ GROUP [US], et al

Cited by

US2022228325A1; IT202000029255A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 14425121 A 20141003; CN 201580064688 A 20151001; EA 201790780 A 20151001; EP 2015072714 W 20151001