

Title (en)
SUBTERRANEAN SOIL DRAINAGE DEVICE

Publication
EP 0230918 B1 19910424 (FR)

Application
EP 87100467 A 19870115

Priority
FR 8600899 A 19860120

Abstract (en)
[origin: US4717284A] A device is provided for draining ground in depth. Each drain includes a tube having perforations in its middle part (1) with solid walls and closed at its lower part so as to form a cup (2), and with solid walls and open at its upper part (4). A siphoning tube (6) is permanently immersed by its lower part (3) in the cup (2), rises inside the tube (1) and leaves through a side duct (5) to drop down again towards an outlet (8). The outlet (8) is at the same level as the upper edge of the cup (2) so that the end (3) of the pipe (6) is always immersed and so that the siphon cannot be unprimed even during a dry period and requires no intervention.

IPC 1-7
E02D 3/10; **E02D 19/10**

IPC 8 full level
E02D 3/10 (2006.01); **E02D 19/10** (2006.01)

CPC (source: EP US)
E02D 3/10 (2013.01 - EP US); **E02D 19/10** (2013.01 - EP US); **Y10T 137/2842** (2015.04 - EP US)

Citation (examination)
FR 434699 A 19120209 - LOUIS MARIE JOSEPH BITON [FR]

Cited by
EP0400636A1; EP0439890A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

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EP 0230918 A2 19870805; **EP 0230918 A3 19880824**; **EP 0230918 B1 19910424**; AT E62952 T1 19910515; DE 3769481 D1 19910529; ES 2022155 B3 19911201; FR 2593203 A1 19870724; FR 2593203 B1 19880715; GR 3002350 T3 19921230; MA 20853 A1 19871001; TN SN87002 A1 19900101; US 4717284 A 19880105

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