

Title (en)

Box and system for insulation and ground drainage

Title (de)

Kasten und System zur Wärmedämmung und Bodendränage

Title (fr)

Caisson et système isolant et de drainage de sol

Publication

EP 0787865 B1 19990414 (FR)

Application

EP 97430003 A 19970123

Priority

- FR 9601367 A 19960130
- US 89890097 A 19970723

Abstract (en)

[origin: EP0787865A1] The drainage unit consists of a flat rectangular parallelepiped housing of a thin, strong, rigid material, e.g. high density polyethylene, with at least one inner reinforcing member (3). At least one of the main walls of the housing is perforated with micro-holes (12). Its interior is filled with a granulated material with a good thermal insulation capacity and a cellular structure giving it density of less than 1, especially pouzzolane. The housing can be made in two parts, one comprising a perforated main wall and side walls and the other a second main wall, fitted in place after filling. At least two of the unit's side faces have matching projections (5) and recesses (6) to allow them to be fitted together in rows.

IPC 1-7

E04B 1/80; **E04B 1/76**; **E04C 2/20**; **E02B 11/00**; **E02B 13/00**; **E02D 31/02**

IPC 8 full level

E02B 11/00 (2006.01); **E02B 13/00** (2006.01); **E02D 31/02** (2006.01); **E04B 1/76** (2006.01); **E04B 1/80** (2006.01); **E04C 2/20** (2006.01)

CPC (source: EP US)

E02B 11/00 (2013.01 - EP US); **E02B 13/00** (2013.01 - EP US); **E02D 31/02** (2013.01 - EP US); **E04B 1/762** (2013.01 - EP US); **E04B 1/80** (2013.01 - EP US); **E04C 2/20** (2013.01 - EP US)

Cited by

NL1008627C2; EP1887145A1; EP1818463A1; EP1260640A1; EP0943737A1; GB2374268A; GB2374268B; AU774813B2; CN110331790A; US6736569B2; US7591610B2; WO0153608A1; WO2007092828A3; DE102009044412A1; WO2011042415A1; DE202010018411U1

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