

Title (en)

Drainage systems.

Title (de)

Entwässerungssystem.

Title (fr)

Système de drainage.

Publication

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Application

**EP 93305193 A 19930702**

Priority

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Abstract (en)

A drainage system is made up of drainage channel modules (2) which are substantially U-shaped. A waterproof membrane (40) is laid adjacent to the drainage channels. Cut edges of the membrane overlap the edges of the side walls of the channel. Membrane drain modules (22) are located above the drainage channel modules so that the bottom surface of each side wall of the membrane drain modules clampingly engages the waterproof membrane against the upper edge of the side wall of the drainage channel modules. The drainage system is completed by means of cast iron or galvanised grid covers (4) which are secured to the drainage channel modules (2), thereby also holding the membrane drain modules and membrane in place, by means of bolts (12) carrying rotatable locking bars (16). Water collecting on the waterproof membrane (40) passes into the drainage channel by means of openings (36) along the bottom of each side wall of the membrane drain module. <IMAGE>

IPC 1-7

**E01C 11/22**

IPC 8 full level

**E01C 11/22** (2006.01)

CPC (source: EP)

**E01C 11/228** (2013.01)

Citation (search report)

- [Y] EP 0371917 A1 19900606 - POLY BAUELEMENTE AG [CH]
- [Y] DE 8706254 U1 19870723
- [YD] EP 0081741 A1 19830622 - AHLMANN ACO SEVERIN [DE]
- [A] DE 8707941 U1 19871015

Cited by

CN105133721A; EP0863258A3; US6945733B2; FR2791715A1; US8474068B2; WO9811300A1; US7008137B2; WO2021099488A1; NL2024264B1; WO0194704A1; WO2012031729A1; EP2508685B1

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