

Title (en)
ELONGATED BENDABLE DRAINAGE MAT

Publication
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Application
EP 84870047 A 19840329

Priority
• US 48065783 A 19830331
• US 48099083 A 19830331
• US 48110483 A 19830331

Abstract (en)
[origin: EP0307541A2] A drainage mat comprising a three-dimensional openwork covered on at least a major surface with a water permeable fabric (1), said fabric having a permittivity from 0.2 sec<-1> to 2.0 sec<-><1> and exhibiting a dynamic permeability after 10<6> loadings of at least 10<-><4> cm per second. Preferably the mat is elongate, bendable and has a rectangular transverse cross section, and comprises a polymeric core (2) enveloped by the water permeable fabric (1), said core having a plurality of substantially rigid fingers (4) extending from one side of a layer (3).

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IPC 8 full level
E01C 11/22 (2006.01); **E01C 13/08** (2006.01); **E01C 13/10** (2006.01); **E01F 5/00** (2006.01); **E02B 11/00** (2006.01)

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Citation (search report)
• [A] EP 0023871 A1 19810211 - COFRAD SARL [FR]
• [AD] US 3830373 A 19740820 - SIXT M
• [AD] US 4182581 A 19800108 - INABA MINORU [JP], et al
• [X] FR 2319068 A1 19770218 - BURCAN INT LTD [IE]
• [A] AU 460849 B2 19750508
• [A] DE 3012980 A1 19811015 - OLTMANNS ZIEGEL & KUNSTSTOFF [DE]
• [Y] DE 1961816 A1 19710616 - LICENTIA GMBH
• [XP] EP 0075993 A1 19830406 - AUSTRALIAN APPLIED RES [AU]
• [XP] WO 8302790 A1 19830818 - NYLEX CORP LTD [AU]
• [A] CIVIL ENGINEERING, Supplement to March 1981, pages 24-26 London (GB) "The trammel drainage system."
• [A] CIVIL ENGINEERING-ASCE, vol. 46, no. 3, March 1976, pages 57-59 R.N. SEEMEL F. ASCE: "Plastic filter fabrics challenging the conventional granular filter."
• [Y] CIVIL ENGINEERING-ASCE, vol. 44, no. 9, September 1974, pages 78-83, New York (US) "Drainage system design and construction."

Cited by
EP0244651A3; EP0460956A3; CN110055829A; FR2646450A1; CN113062235A; GB2258792A; GB2258792B; DE4400183A1; AU593085B2; GB2253125A; GB2253125B; GB2243108A; GB2243108B; GB2462994A; GB2462994B; WO9210615A1

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