

Title (en)
Geocomposite membrane for drainage and fabrication method therefor

Title (de)
Geo-Verbundmembran für Drainage und dessen Herstellungsverfahren

Title (fr)
Géocomposite de drainage et son procédé de fabrication

Publication
EP 1614812 B1 20130227 (FR)

Application
EP 05291399 A 20050629

Priority
FR 0407701 A 20040709

Abstract (en)
[origin: EP1614812A1] The method involves superimposing components such as a drainage layer (4), perforated annular small drainage pipes (5) with a series of perforations, and a filtering layer (31). The superimposed components are driven by drive units towards a needling machine whose needle plate comprises of space for passage of the drainage pipes. The components are coupled together by needle punching. An independent claim is also included for a geo-composite material comprising drainage layers, drainage pipes and filtering layers.

IPC 8 full level
E02B 11/00 (2006.01); **E02D 3/10** (2006.01)

CPC (source: EP US)
E02B 11/005 (2013.01 - EP US)

Cited by
WO2011015736A1; CN103898884A; FR2948949A1; FR2955596A1; US8970201B2; WO2011092433A1

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DOCDB simple family (publication)
EP 1614812 A1 20060111; EP 1614812 B1 20130227; CA 2573127 A1 20060323; CA 2573127 C 20120529; ES 2405996 T3 20130604; FR 2872836 A1 20060113; FR 2872836 B1 20061020; PL 1614812 T3 20130830; US 2008075536 A1 20080327; US 7618213 B2 20091117; WO 2006030076 A1 20060323

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