

Title (en)  
Geoplastics with transponder technology

Title (de)  
Geokunststoffe mit Transponder Technologie

Title (fr)  
Géoplastiques avec technologie de transpondeur

Publication  
**EP 1798340 A1 20070620 (DE)**

Application  
**EP 05027723 A 20051219**

Priority  
EP 05027723 A 20051219

Abstract (en)  
The geosynthetic has at least one transponder applied to it for storing and recalling product and/or condition and/or project-related data. Several transponders may be provided in defined intervals. The connecting of the transponder to the geosynthetic is carried out by adhesive. Data regarding volume of traffic, road conditions, construction materials used, layer thickness and suchlike can be stored on the transponder.

Abstract (de)  
Geokunststoffe, wie Geotextilien, Geoverbundstoffe oder Geogitter (gewebt, gerascheft oder aus monolithischen Bändern), dadurch gekennzeichnet, dass der Geokunststoff mindestens einen darauf applizierten Transponder zur Speicherung und zum Abruf von produkt- und/oder zustands- und/oder projektbezogene Daten aufweist.

IPC 8 full level  
**E01C 11/16** (2006.01); **E01F 11/00** (2006.01); **E02D 29/02** (2006.01); **G08G 1/00** (2006.01)

CPC (source: EP US)  
**E01C 11/16** (2013.01 - EP US); **E02D 29/0241** (2013.01 - EP US)

Citation (search report)

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- [X] BE 1010379 A7 19980707 - BROUSMICHE DOMINIQUE [BE]
- [A] WO 0075906 A1 20001214 - MORRIS JAMES FREDERICK [AU]
- [A] WO 2005074071 A1 20050811 - ASTRA GES FUER ASSET MAN MBH [DE], et al

Citation (examination)  
NL 1020017 C2 20030821 - DURA VERMEER INFRA B V [NL]

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1798340 A1 20070620**; AU 2006252119 A1 20070705; CN 1986967 A 20070627; US 2007138304 A1 20070621; US 7872580 B2 20110118; ZA 200610692 B 20080625

DOCDB simple family (application)  
**EP 05027723 A 20051219**; AU 2006252119 A 20061219; CN 200610063987 A 20061215; US 64090806 A 20061219; ZA 200610692 A 20061219