

Title (en)

Concrete prefabricated block for retaining walls with geogrid retention

Title (de)

Fertigteil aus Beton für Stützwände mit Geogitterrückverhängung

Title (fr)

Bloc de construction en béton pour un mur de soutènement avec une géogrid de rétention

Publication

**EP 1557498 B1 20071219 (DE)**

Application

**EP 05001342 A 20050124**

Priority

DE 202004001058 U 20040124

Abstract (en)

[origin: EP1557498A2] A concrete block for securing slopes and embankments has the block provided with one or more vertical bores (7) through which are pushed pins to secure the block. A geo mat (2) is cast into the block and has an extension section outside the block to secure with backfilling. The vertical pins secure individual blocks and also serve to lock a vertical stack of blocks. Some of the outer surfaces of the blocks can have a surface decoration.

IPC 8 full level

**E02D 29/02** (2006.01); **E04C 1/39** (2006.01)

CPC (source: EP)

**E02D 29/0241** (2013.01); **E02D 29/0283** (2013.01); **E04C 1/395** (2013.01)

Cited by

DE202006007521U1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1557498 A2 20050727**; **EP 1557498 A3 20060524**; **EP 1557498 B1 20071219**; AT E381643 T1 20080115; DE 202004001058 U1 20040422; DE 502005002258 D1 20080131

DOCDB simple family (application)

**EP 05001342 A 20050124**; AT 05001342 T 20050124; DE 202004001058 U 20040124; DE 502005002258 T 20050124