

Title (en)  
A REINFORCED SOIL RETAINING WALL SYSTEM AND METHOD OF CONSTRUCTION

Title (de)  
VERSTÄRKTES ERDREICHABSTÜTZWANDSYSTEM UND HERSTELLUNGSVERFAHREN

Title (fr)  
SYSTEME DE PAROI RETENUE PAR UN SOL RENFORCE ET PROCEDE DE CONSTRUCTION

Publication  
**EP 1730355 A4 20080319 (EN)**

Application  
**EP 05714343 A 20050331**

Priority  

- AU 2005000474 W 20050331
- AU 2004901725 A 20040401
- AU 2004901789 A 20040405
- AU 2004907121 A 20041215
- AU 2005900832 A 20050223

Abstract (en)  
[origin: WO2005095718A1] A reinforced soil retaining wall system (10) in which a plurality of blocks (12) are arranged in courses (14) to form a wall (16). Soil reinforcement is provided to the wall (16) using a plurality of lengths of strip reinforcement (18) inserted in and extending from the blocks (12), the strip reinforcement (18) being buried under compacted backfill (20) either as each course (14) is laid or after construction of the wall (16). Also disclosed is the use of a second plurality of sections of soil reinforcement, spaced apart from the first plurality of sections and arranged to extend perpendicular to the wall.

IPC 8 full level  
**E02D 29/02** (2006.01); **E02D 5/76** (2006.01); **E02D 17/20** (2006.01)

CPC (source: EP US)  
**E02D 29/0225** (2013.01 - EP US); **E02D 29/0233** (2013.01 - EP US)

Citation (search report)  

- [X] US 5139369 A 19920818 - JAECKLIN FELIX P [CH]
- [X] US 5492438 A 19960220 - HILFIKER WILLIAM K [US]
- See references of WO 2005095718A1

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)  
**WO 2005095718 A1 20051013**; BR PI0508801 A 20070807; CA 2561785 A1 20051013; EP 1730355 A1 20061213; EP 1730355 A4 20080319; IL 178376 A0 20070211; JP 2007530833 A 20071101; US 2008267718 A1 20081030

DOCDB simple family (application)  
**AU 2005000474 W 20050331**; BR PI0508801 A 20050331; CA 2561785 A 20050331; EP 05714343 A 20050331; IL 17837606 A 20060928; JP 2007505338 A 20050331; US 59955805 A 20050331