

Title (en)

PLANTABLE REINFORCED EARTH WALL AND ITS BLOCK AND CONSTRUCTION METHOD OF REINFORCED EARTH WALL.

Title (de)

BEPFLANZBARE VERSTÄRKTE ERDWAND UND IHR BLOCK UND VERFAHREN ZUR HERSTELLUNG DER VERSTÄRKTEN ERDWAND

Title (fr)

MUR DE TERRE PLANTABLE RENFORCE, SES BLOCS ET SON PROCEDE DE CONSTRUCTION

Publication

EP 1749135 A1 20070207 (EN)

Application

EP 05726877 A 20050303

Priority

- KR 2005000585 W 20050303
- KR 20040037835 A 20040527
- KR 20040065998 A 20040820
- KR 20040081576 A 20041013
- KR 20040089152 A 20041104
- KR 20050004044 A 20050117

Abstract (en)

[origin: US2005265792A1] A large-sized block having a large width, which rapidly constructs a plantable reinforced earth wall using equipment to eliminate worker's physical burden, has a soil filling portion (60) formed therein and provided with recession planes (12, 12 ') formed at both sides of the front surface (10) of the block so as to partially expose the soil filling portion (60) to the front surface of the earth wall so that plants can be grown in the front surface of the vertically constructed earth wall (W), and is not cracked due to the horizontal displacement of the block when the ground is unevenly settled, a plantable reinforced earth wall constructed using the blocks, and a method for constructing the earth wall by vertically stacking crosswise block units (U) obtained by vertically stacking a plurality of the blocks, so that the lower portion of the earth wall is not easily damaged by shearing force applied due to load of the blocks.

IPC 8 full level

E02D 29/02 (2006.01); **E02D 29/00** (2006.01)

CPC (source: EP US)

E02D 29/0225 (2013.01 - EP US); **E02D 29/025** (2013.01 - EP US)

Citation (search report)

See references of WO 2005116347A1

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)

US 2005265792 A1 20051201; EP 1749135 A1 20070207; WO 2005116347 A1 20051208

DOCDB simple family (application)

US 13433805 A 20050523; EP 05726877 A 20050303; KR 2005000585 W 20050303