

Title (en)
RETAINING WALL SYSTEM WITH INTERLOCKED WALL-BUILDING UNITS

Title (de)
STÜTZMAUER MIT INEINANDERGREIFENDEN ELEMENTEN

Title (fr)
SYSTEME DE MUR DE SOUTÈNEMENT A UNITES DE CONSTRUCTION

Publication
EP 1171668 A1 20020116 (EN)

Application
EP 00916714 A 20000407

Priority
• CA 0000370 W 20000407
• CA 2268509 A 19990408
• KR 20000002413 A 20000119

Abstract (en)
[origin: WO0061880A1] A retaining wall structure built of wall-building units such as sand/soil bags or hardenable building units such as clay bricks has interconnecting members placed between adjacent courses of units to attach the adjacent courses to one another. The interconnecting members are plates having projections on both sides which protrude into the wall-building units of the adjacent courses. Sheets of geogrid preferably extend from between some of the courses of wall-building units into the fill retained by the wall-building units. Projections on the interconnecting members protrude through holes in the geogrid sheet, anchoring the wall face to the reinforced soil structure.

IPC 1-7
E02D 29/02

IPC 8 full level
E02B 3/04 (2006.01); **E02D 17/18** (2006.01); **E02D 17/20** (2006.01); **E02D 29/02** (2006.01)

CPC (source: EP)
E02D 29/0225 (2013.01); **E02D 29/02** (2013.01); **E02D 2300/0084** (2013.01)

Cited by
CN102454171A; US7922426B2; WO2006038038A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0061880 A1 20001019; AT E303474 T1 20050915; AU 3798400 A 20001114; AU 780478 B2 20050324; DE 60022335 D1 20051006; DE 60022335 T2 20060608; EP 1171668 A1 20020116; EP 1171668 B1 20050831; ES 2248063 T3 20060316; HK 1045348 A1 20021122; HK 1045348 B 20060616; JP 2002541368 A 20021203; JP 4707838 B2 20110622; NZ 515318 A 20021220

DOCDB simple family (application)
CA 0000370 W 20000407; AT 00916714 T 20000407; AU 3798400 A 20000407; DE 60022335 T 20000407; EP 00916714 A 20000407; ES 00916714 T 20000407; HK 02105282 A 20020716; JP 2000610920 A 20000407; NZ 51531800 A 20000407