

Title (en)

CELLULAR STRUCTURE, IN PARTICULAR A RETAINING SYSTEM OR A SPACE-DIVIDING WALL

Title (de)

ZELLENSTRUKTUR, INSBESONDERE STÜTZMAUER ODER RAUMTEILENDE WAND

Title (fr)

STRUCTURE CELLULAIRE, EN L'OCCURRENCE UN SYSTEME DE RETENUE OU UNE PAROI DE SEPARATION

Publication

EP 1066429 A1 20010110 (EN)

Application

EP 98966916 A 19981230

Priority

- DE 19800011 A 19980102
- EP 9808506 W 19981230

Abstract (en)

[origin: DE19800011A1] Species of the invention: cellular structure, in particular a retaining system or a space dividing wall, comprising a fore-part (VB) and a backfill (HF) which is connected to said fore-part by interlocking or friction. The fore-part (VB) comprises solid supporting units (TE), preferably of trough- or box-like shape, arranged in the lateral and vertical direction in the front part of the structure. Task of the invention: to provide a cellular structure of enhanced connection stability. Features of the invention for solution: there is provided at least one coupling unit (KE), preferably a plurality thereof which are stiff, in particular as a whole, or have stiff sections. Said coupling unit is connected to said fore-part (VB) by interlocking or friction and extends therefrom into the depth of said backfill (BF). Further, said coupling unit is connected or provided with at least one anchoring unit (WDE) located in said backfill (HF).

IPC 1-7

E02D 29/02; **E04C 1/39**

IPC 8 full level

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

CPC (source: EP)

E02D 29/0216 (2013.01); **E02D 29/0225** (2013.01); **E04C 1/395** (2013.01)

Citation (search report)

See references of WO 9935341A1

Designated contracting state (EPC)

AT BE CH DE ES FR IT LI NL

DOCDB simple family (publication)

DE 19800011 A1 19990708; AU 2614299 A 19990726; EP 1066429 A1 20010110; WO 9935341 A1 19990715

DOCDB simple family (application)

DE 19800011 A 19980102; AU 2614299 A 19981230; EP 9808506 W 19981230; EP 98966916 A 19981230