

Title (en)  
Light earth-retaining construction.

Title (de)  
Leichte Grundstützkonstruktion.

Title (fr)  
Ouvrage léger de consolidation de terrains.

Publication  
**EP 0283336 A1 19880921 (FR)**

Application  
**EP 88400313 A 19880211**

Priority  
FR 8701877 A 19870213

Abstract (en)  
The lightweight reinforcing structure or lightweight wall is characterised, according to the invention, in that it comprises a substantially U-shaped concrete slab (1), in which is inserted at least one parallelepipedic element (2) made of an alveolar plastic in the form of a block, the upper part of said element (2) which projects from the slab being covered successively with a grid (3) and with a thin layer of concrete (4). The invention is used for public works. <IMAGE>

Abstract (fr)  
L'ouvrage léger de consolidation ou mur léger est caractérisé selon l'invention en ce qu'il comprend une semelle de béton (1) sensiblement en forme de U, dans laquelle est inséré au moins un élément parallélépipédique (2) en un matériau plastique alvéolaire sous forme d'un bloc, la partie supérieure dudit élément (2) dépassant de la semelle étant recouverte successivement par un grillage (3) et d'une mince couche de béton (4). Travaux publics.

IPC 1-7  
**E02D 29/02**

IPC 8 full level  
**E01F 15/08** (2006.01); **E02D 29/02** (2006.01)

CPC (source: EP)  
**E02D 29/0283** (2013.01)

Citation (search report)  
• [A] DE 2456915 A1 19760812 - ACROW WOLFF GMBH  
• [A] FR 1434871 A 19660408  
• [A] FR 2463836 A2 19810227 - MALIE LOUIS [FR]  
• [A] FR 2451422 A1 19801010 - ROUSSET MICHEL  
• [A] FR 2030697 A5 19701113 - VG  
• [A] US 3461639 A 19690819 - MERRILL RONALD EARL  
• [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 117 (M-381)[1840], 22 mai 1985; & JP-A-60 003 321 (DAIICHI ZOUEN DOBOKU K.K.) 09-01-1985

Cited by  
AT2370U1; US4934093A; FR2806108A1; GB2377949A; GB2377949B; WO9621774A1

Designated contracting state (EPC)  
AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0283336 A1 19880921; EP 0283336 B1 19910116**; AT E60098 T1 19910215; DE 3861525 D1 19910221; ES 2019989 B3 19910716; FR 2610961 A1 19880819; FR 2610961 B1 19890623

DOCDB simple family (application)  
**EP 88400313 A 19880211**; AT 88400313 T 19880211; DE 3861525 T 19880211; ES 88400313 T 19880211; FR 8701877 A 19870213