

Title (en)  
Concrete wall element

Title (de)  
Beton-Wandelement

Title (fr)  
Élément mural en béton

Publication  
**EP 2017388 B1 20160106 (DE)**

Application  
**EP 08016959 A 20020805**

Priority  
• EP 02450172 A 20020805  
• AT 12782001 A 20010814

Abstract (en)  
[origin: EP1284325A2] Concrete wall element (1) for a road retaining system is connected in a force-locking manner via anchoring elements (3) to support elements (2). At least one of the anchoring elements in the edge region of the support elements is designed as a deformation element (31) having a free length between the support element and the concrete wall element. Independent claims are also included for reflector walls for roadways comprising the above concrete wall element. Preferred Features: The free length of the deformation element is greater than its smallest cross-section in the region of the support element. The outermost anchoring element is the deformation element. The support element is a steel profile element.

IPC 8 full level  
**E01F 15/08** (2006.01); **E01F 15/04** (2006.01)

CPC (source: EP)  
**E01F 15/083** (2013.01); **E01F 15/088** (2013.01)

Cited by  
CN103389495A

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

DOCDB simple family (publication)  
**EP 1284325 A2 20030219; EP 1284325 A3 20040102; EP 1284325 B1 20090114**; AT 413711 B 20060515; AT A12782001 A 20050915; AT E420996 T1 20090115; DE 50213212 D1 20090305; DK 1284325 T3 20090518; EP 2017388 A2 20090121; EP 2017388 A3 20140402; EP 2017388 B1 20160106; ES 2323360 T3 20090714; PT 1284325 E 20090420

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**EP 02450172 A 20020805**; AT 02450172 T 20020805; AT 12782001 A 20010814; DE 50213212 T 20020805; DK 02450172 T 20020805; EP 08016959 A 20020805; ES 02450172 T 20020805; PT 02450172 T 20020805