

Title (en)  
Ceramic building element

Title (de)  
Keramikbauelement

Title (fr)  
Élément de construction en ceramique

Publication  
**EP 1420123 B1 20070516 (DE)**

Application  
**EP 03025577 A 20031108**

Priority  
DE 10253500 A 20021116

Abstract (en)  
[origin: EP1420123A1] Ceramic construction element for arranging in a construction, preferably a building or a fixed support construction, comprises an elongated and/or plate-like one- or multipart ceramic body (23), and at least one anchor body (25) made of metal, plastic, fiber material, glass fiber material, fiber composite, etc. and extending in the extension direction of the ceramic body over a section of the ceramic body. The anchor body is surrounded on several sides by the ceramic body and/or by a casting compound covered on one or more sides by the ceramic body. The ceramic body has at least one recess (23a) in which the anchor body engages provide security against rotation and/or rupture. Preferred Features: The recess has an undercut cross-section in the form of a groove extending in the extension direction of the ceramic body and/or the anchor body.

IPC 8 full level  
**E04C 3/22** (2006.01); **E04C 5/06** (2006.01); **E04C 5/07** (2006.01); **E04F 13/14** (2006.01); **E06B 9/01** (2006.01); **E04C 3/02** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)  
**E04C 3/22** (2013.01); **E04C 5/06** (2013.01); **E04C 5/07** (2013.01); **E04F 13/142** (2013.01); **E06B 9/01** (2013.01); **E04C 2003/023** (2013.01); **E04C 2003/0439** (2013.01); **E04C 2003/0478** (2013.01)

Citation (examination)  
GB 202461 A 19230823 - CLIFFORD LANE CUMMINGS

Cited by  
CN104005694A; IT202000023650A1; CN104718333A; EP2900883A4; AU2018200080B2; US10253500B2

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