

Title (en)
Reinforced concrete element

Title (de)
Betonkörper mit Verstärkung

Title (fr)
Élément en béton armé

Publication
EP 0712972 B1 20020306 (DE)

Application
EP 95116996 A 19951027

Priority
DE 4439534 A 19941104

Abstract (en)
[origin: EP0712972A1] The concrete body (10) is made from a first concrete matrix which contains concrete rods (1,11,13) which are made from a second concrete matrix. The rods may have different cross sections and different lengths and are relatively smaller than the concrete body. The concrete matrix (1) encloses a tensioning element (2) which may consist of a non-rusting material such as glass fibre, carbon or plastics. The end anchor points (3) may be produced by a thickening of the reinforcing material, or by another material.

IPC 1-7
E04C 5/07; **E04C 5/01**; **E04C 5/08**

IPC 8 full level
E04C 5/01 (2006.01); **E04C 5/07** (2006.01); **E04C 5/08** (2006.01)

CPC (source: EP)
E04C 5/012 (2013.01); **E04C 5/073** (2013.01); **E04C 5/08** (2013.01)

Cited by
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Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 4439534 A1 19960509; DE 59510089 D1 20020411; EP 0712972 A1 19960522; EP 0712972 B1 20020306

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