

Title (en)

Anchor being embedded into a concrete structure and concrete structure having at least one such anchor

Title (de)

Anker zum Eingiessen in ein Betonbauteil sowie Betonbauteil mit zumindest einem solchen Anker

Title (fr)

Ancre incluse dans une pièce en béton et une pièce en béton avec au moins une ancre pareille

Publication

**EP 1700965 A3 20111019 (DE)**

Application

**EP 06003803 A 20060224**

Priority

DE 202005002981 U 20050224

Abstract (en)

[origin: EP1700965A2] The tie bar (10) has longitudinal extension (L) and tie bar body (14,16). A longitudinal extension is viewed in the surrounding of the tie bar or at least in the side of the tie bar. A flexible zone (18,20) is provided in the surrounding of the tie bar body. The tie bar and the flexible zone are cast integral with the concrete. An independent claim is also included for the concrete part.

IPC 8 full level

**E04B 1/41** (2006.01)

CPC (source: EP)

**E04B 1/4157** (2013.01)

Citation (search report)

- [X] DE 1625392 A1 19700723 - LOTHES HAGEN F
- [X] EP 1098043 A1 20010509 - SCHOECK BAUTEILE GMBH [DE]
- [X] GB 2169328 A 19860709 - HOLLOW CORE SYSTEMS
- [X] US 3599379 A 19710817 - TUSKA CLARENCE D
- [X] US 4162596 A 19790731 - DAMMAN BERNARD A [US]
- [A] DE 708788 C 19410728 - CARL LOESSL

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**DE 202005002981 U1 20060727**; EP 1700965 A2 20060913; EP 1700965 A3 20111019; EP 1700965 B1 20130529; PL 1700965 T3 20131031

DOCDB simple family (application)

**DE 202005002981 U 20050224**; EP 06003803 A 20060224; PL 06003803 T 20060224