

Title (en)
Anchoring insert for embedding in concrete

Title (de)
Ankerschiene zum Einbetonieren

Title (fr)
Profilé d'ancrage à noyer dans le béton

Publication
EP 1749947 A1 20070207 (EN)

Application
EP 05017042 A 20050805

Priority
EP 05017042 A 20050805

Abstract (en)
A concrete component embedded anchoring insert for bracing panels in buildings, and prefabricated concrete component provided therewith, the anchoring insert comprising an insert body (2) delimiting a compartment (3) and having a face (4) with a main access opening (5). The insert body (2) can be embedded in the concrete component (6) so that the face (4) is substantially flush with a face of the concrete component. A connecting element (7) can be inserted in the main opening (5). The insert body (2) has at least one secondary opening (10a,10b,10c) allowing concrete of the component body to enter the compartment (3), and a protection (11) provided in the compartment (3) adapted to prevent the concrete from accessing a portion (3a) of the compartment (3) which is designed to receive the connecting element (7).

IPC 8 full level
E04B 1/41 (2006.01)

CPC (source: EP)
E04B 1/4107 (2013.01)

Citation (applicant)
• DE 10306511 B3 20040722 - KAHNEISEN GMBH DEUTSCHE [DE]
• GB 399581 A 19331012 - ERNEST JOHN THORNBUR ROE

Citation (search report)
• [XY] DE 10306511 B3 20040722 - KAHNEISEN GMBH DEUTSCHE [DE]
• [XY] GB 399581 A 19331012 - ERNEST JOHN THORNBUR ROE
• [Y] DE 8501359 U1 19860515
• [Y] DE 10014977 A1 20010927 - HALFEN GMBH & CO KG [DE]

Cited by
EP2878744A1; CN113250325A; WO2012019382A1; WO2010022696A1

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)
EP 1749947 A1 20070207; EP 1749947 B1 20111109; AT E532915 T1 20111115; ES 2379465 T3 20120426

DOCDB simple family (application)
EP 05017042 A 20050805; AT 05017042 T 20050805; ES 05017042 T 20050805