

Title (en)

Foundation, in particular concrete foundation, with a foundation shoe for attaching a concrete pillar

Title (de)

Fundament, insbesondere Betonfundament, mit einem Fundamentschuh zur Befestigung einer Betonstütze

Title (fr)

Fondation, en particulier fondation en béton, avec sabot de fondation pour la fixation d'un montant en béton

Publication

EP 1857602 A2 20071121 (DE)

Application

EP 07008159 A 20070421

Priority

DE 102006023296 A 20060518

Abstract (en)

The device has an anchoring bolt (5) projecting into a concrete column (1) e.g. concrete pile. The column is fastened to a foundation (2) e.g. concrete foundation, which has a foundation shoe, where the shoe has an anchoring bar (12), which projects into the foundation. The shoe is connectable with the bolt, and has a borehole (13) for retaining the bolt, where the bolt is screwable with the shoe. A gap (20) is provided between a lower side of the column and an upper side of the foundation, where the foundation has a larger horizontal extension.

Abstract (de)

Gegenstand der Erfindung ist eine Vorrichtung zur Befestigung einer Betonstütze auf einem Fundament, insbesondere einem Belonfundament, wobei das Fundament mindestens einen Fundamentschuh aufweist, wobei der Fundamentschuh mindestens eine Ankerstrebe aufweist, die in das Fundament hineinragt, wobei der Fundamentschuh mit der Stütze verbindbar ist.

IPC 8 full level

E04B 1/21 (2006.01); **E04H 12/22** (2006.01)

CPC (source: EP)

E04B 1/215 (2013.01); **E04G 21/185** (2013.01); **E04H 12/2261** (2013.01)

Citation (applicant)

- DE 19514685 A1 19951116 - TERAESPEIKKO OY [FI]
- DE 2116538 A1 19730215 - PFLEIDERER FA G A
- DE 2241787 A1 19740307 - ANTAL ANSTALT
- DE 2315186 A1 19741003 - HOCHTIEF AG HOCH TIEFBAUTEN
- DE 29615755 U1 19961205 - BAM AG [CH]

Cited by

CN103711325A; US2012110928A1; CN108179761A; EP2559817A3; US2017183861A1; EP2381045A1; ITMI20100711A1; CN105484366A; WO2024193845A1; US10400438B2; WO2009123601A1; US8479471B2; US8844242B2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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