

Title (en)
Injection fastening anchor

Title (de)
Injektionsbefestigungsanker

Title (fr)
Ancrage de fixation par injection

Publication
EP 1179649 B1 20050601 (DE)

Application
EP 01115442 A 20010627

Priority
DE 10038801 A 20000809

Abstract (en)
[origin: EP1179649A2] Anchor comprises a plastic anchor pipe (12) and an anchor rod (14) that has a diameter equal to, or slightly less than, the diameter of the pipe. At the front end of the pipe sideways holes (26, 28, 30) are provided to allow mortar to escape from the anchor rod and form a seal with the surrounding brickwork. A rod collar (32) acts as a piston forcing the mortar into the forward section (22) of the pipe. Once the mortar is forced forwards by insertion of the anchor rod it is forced out through the holes at the forward end of the anchor tube, so that it bonds the anchor rod with the support brickwork.

IPC 1-7
E04G 23/02

IPC 8 full level
E04G 23/02 (2006.01)

CPC (source: EP)
E04G 23/0222 (2013.01); **E05D 2005/0284** (2013.01); **E05Y 2600/526** (2013.01)

Cited by
EP2072838A3; EP3508665A1; EP1517051A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1179649 A2 20020213; EP 1179649 A3 20030521; EP 1179649 B1 20050601; AT E296932 T1 20050615; CZ 20012884 A3 20020313; DE 10038801 A1 20020221; DE 50106372 D1 20050707; HU 0102960 D0 20010928; HU P0102960 A2 20020328; HU P0102960 A3 20020528; PL 349060 A1 20020211

DOCDB simple family (application)
EP 01115442 A 20010627; AT 01115442 T 20010627; CZ 20012884 A 20010808; DE 10038801 A 20000809; DE 50106372 T 20010627; HU P0102960 A 20010712; PL 34906001 A 20010806