

Title (en)
COUPLING FOR ANCHOR BARS

Title (de)
KUPPLUNG FÜR ANKERSTANGEN

Title (fr)
ACCOUPLEMENT DE TIGES D'ANCRAGE

Publication
EP 0793763 A1 19970910 (DE)

Application
EP 95900550 A 19941125

Priority
AT 9400177 W 19941125

Abstract (en)
[origin: CA2204544A1] For coupling anchor bars (2) of injection anchors, the anchor bars are screwed with their outer threads (4) into a coupling sleeve (1) provided with a corresponding inner thread (5). One of the two anchor bars (2) screwed into the coupling sleeve (1) has a chamfered surface (8) formed by an end chamfer and lies on a break (6) of the inner thread (5) of the coupling sleeve (1). The second anchor bar (2) is screwed into the coupling sleeve (1) until its end face (9) lies completely on the end face (9) of the other anchor bar (2). This ensures an advantageous transmission of forces during drilling and prevents the coupling sleeve (1) from turning during drilling.

IPC 1-7
E21B 17/042

IPC 8 full level
E21B 17/042 (2006.01)

CPC (source: EP KR US)
E21B 17/042 (2013.01 - KR); **E21B 17/0426** (2013.01 - EP US); **Y10T 403/5746** (2015.01 - EP US)

Citation (search report)
See references of WO 9617153A1

Cited by
CZ302129B6

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

DOCDB simple family (publication)
CA 2204544 A1 19960606; CA 2204544 C 20050111; AT E197488 T1 20001111; AU 690936 B2 19980507; AU 8134394 A 19960619; DE 59409583 D1 20001214; EP 0793763 A1 19970910; EP 0793763 B1 20001108; ES 2152376 T3 20010201; GR 3034800 T3 20010228; KR 100315997 B1 20020406; KR 980700499 A 19980330; US 5888025 A 19990330; WO 9617153 A1 19960606

DOCDB simple family (application)
CA 2204544 A 19941125; AT 9400177 W 19941125; AT 95900550 T 19941125; AU 8134394 A 19941125; DE 59409583 T 19941125; EP 95900550 A 19941125; ES 95900550 T 19941125; GR 20000402479 T 20001109; KR 19970703487 A 19970524; US 83638397 A 19970507