

Title (en)
Method and apparatus for tensioning of a multiple step anchor

Title (de)
Verfahren und Anordnung zum Spannen eines Stufenankers

Title (fr)
Procédé et dispositif pour tendre d'un ancrage étagé

Publication
EP 1707684 B1 20090902 (DE)

Application
EP 06004436 A 20060304

Priority
DE 102005010957 A 20050310

Abstract (en)
[origin: EP1707684A1] The method involves providing a set of tension units (4, 5, 6) that are anchored in a bore hole (2). Each tension unit is adjusted to a preset maximal load and to a working load. The tension units are adjusted to a reduced elongation by a uniform elongation difference relative to a respective elongation of the preset maximal load to adjust the staggered anchorage to the working load. An independent claim is also included for an arrangement for tensioning a staggered anchorage.

IPC 8 full level
E02D 5/76 (2006.01)

CPC (source: EP US)
E02D 5/808 (2013.01 - EP US)

Cited by
CN102359232A; CN102535754A; CN102677670A; EP3425120A1; DE202017104083U1; DE102017211678A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1707684 A1 20061004; EP 1707684 B1 20090902; AT E441759 T1 20090915; CA 2539056 A1 20060910; CA 2539056 C 20081230; DE 102005010957 A1 20060914; DE 502006004701 D1 20091015; ES 2330769 T3 20091215; PL 1707684 T3 20100226; PT 1707684 E 20091023; SI 1707684 T1 20100129; US 2006201100 A1 20060914; US 7553108 B2 20090630

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EP 06004436 A 20060304; AT 06004436 T 20060304; CA 2539056 A 20060309; DE 102005010957 A 20050310; DE 502006004701 T 20060304; ES 06004436 T 20060304; PL 06004436 T 20060304; PT 06004436 T 20060304; SI 200630459 T 20060304; US 37219606 A 20060310