

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)  
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