

Title (en)  
Device for drilling and anchoring and method for installing ground anchors

Title (de)  
Bohr- und Ankervorrichtung und Verfahren zum Setzen von Verpressankern

Title (fr)  
Dispositif de forage et d'ancrage et procédé de mise en place de tirants d'ancrage

Publication  
**EP 1087063 A1 20010328 (FR)**

Application  
**EP 00120588 A 20000920**

Priority  

- EP 00120588 A 20000920
- EP 99810852 A 19990923
- US 72132800 A 20001122

Abstract (en)  
The anchor for a building guy cable has a drill tube (8) and a drill tip (12) at one end of the tube. Multiple tension cables (4) are attached to the drill. The drill head is placed in a sealing case (7) formed by injection of cement into the soil surrounding the anchor hole. The anchor tube is removed to leave the drill head and cables embedded in the cement.

Abstract (fr)  
Un dispositif de forage et d'ancrage comporte un tube de forage (8), un outil de forage (12) monté à l'extrémité du tube et un ou plusieurs câbles (4) et/ou d'autres armatures de tirant. Les câbles et/ou d'autres armatures de tirant sont attachés à l'outil de forage, de sorte que l'outil de forage reste dans un corps de scellement (7) formé par l'injection de ciment dans le terrain environnant d'un trou de forage (6). <IMAGE>

IPC 1-7  
**E02D 5/76**

IPC 8 full level  
**E02D 5/76** (2006.01); **E21D 20/02** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP US)  
**E02D 5/76** (2013.01 - EP US); **E21D 20/021** (2013.01 - EP US); **E21D 21/0033** (2013.01 - EP US); **E21D 21/006** (2016.01 - EP US)

Citation (applicant)  

- EP 0413676 A1 19910220 - SMET BORING NV [BE]
- EP 0770734 A1 19970502 - SIBILLA VINCENZO [CH]

Citation (search report)  

- [XY] WO 9858132 A1 19981223 - TECHMO ENTW & VERTRIEBS GMBH [AT], et al
- [XY] US 3973409 A 19760810 - ASAYAMA KINGO
- [DA] EP 0770734 A1 19970502 - SIBILLA VINCENZO [CH]
- [A] EP 0638689 A1 19950215 - BOUYGUES SA [FR]

Cited by  
US6588986B1; CN105370305A; CN102051879A; CN104532836A; CN114991141A; US6672806B2

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