

Title (en)  
IMPROVED EARTH ANCHOR

Title (de)  
VERBESSERTE ERDVERANKERUNG

Title (fr)  
ANCRE TERRESTRE AMÉLIORÉE

Publication  
**EP 2094914 A2 20090902 (EN)**

Application  
**EP 07796194 A 20070615**

Priority  

- US 2007014145 W 20070615
- US 27018706 F 20061219
- US 80313807 A 20070514

Abstract (en)  
[origin: WO2008088372A2] An earth anchor of the pivoting type having an essentially cylindrical body, a blind bore extending therein to from a trailing axial end of the cylindrical body and a leading edge projecting from a leading end of the body, the leading edge chisel shaped for ease of penetration into the ground, guiding surfaces extending substantially normal to the leading edge and forward of the main body portion, the guiding surfaces having a plurality of leading chisel edges stepped back from the leading edge and from one another as the guiding surface leading edges are spaced further away from a center of the leading edge, the guiding surfaces terminating in final leading edge spaced axially from the leading edge and laterally from each of the stepped leading edges and having at least a portion which extend radially beyond the main body, guide ridges extending from the final leading edges to the trailing axial end projecting radially from the body substantially no further than the maximum width of the guiding surface leading edges.

IPC 8 full level  
**E02D 5/80** (2006.01)

CPC (source: EP US)  
**E02D 5/803** (2013.01 - EP US)

Cited by  
DE202015100556U1; US10066357B2; US10689823B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**US 2007014145 W 20070615**; AU 2007343936 A 20070615; BR PI0717855 A 20070615; CA 2642556 A 20070615; CN 200780006485 A 20070615; EG 2008101778 A 20081029; EP 07796194 A 20070615; HK 09105614 A 20090623; MX 2008015990 A 20070615; TW 96209962 U 20070615; US 27018706 F 20061219; ZA 200807666 A 20080905