

Title (en)
IMPROVED EARTH ANCHOR

Title (de)
VERBESSERTE ERDVERANKERUNG

Title (fr)
ANCRE TERRESTRE AMÉLIORÉE

Publication
EP 2094914 B1 20140507 (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)
WO 2008088372 A2 20080724; WO 2008088372 A3 20081204; AU 2007343936 A1 20080724; AU 2007343936 B2 20130725; BR PI0717855 A2 20140114; BR PI0717855 B1 20180724; CA 2642556 A1 20080724; CA 2642556 C 20131008; CN 101410572 A 20090415; CN 101410572 B 20150916; EG 25003 A 20110427; EP 2094914 A2 20090902; EP 2094914 A4 20091230; EP 2094914 B1 20140507; HK 1126831 A1 20090911; MX 2008015990 A 20090326; TW M337590 U 20080801; US D572546 S 20080708; ZA 200807666 B 20091230

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