

Title (en)

Device for anchoring construction parts to the ground

Title (de)

Vorrichtung zur Verankerung von Bauteilen im Erdreich

Title (fr)

Dispositif pour l'ancrage d'éléments de construction dans le sol

Publication

EP 0542692 B1 19970219 (DE)

Application

EP 92810880 A 19921113

Priority

CH 331991 A 19911114

Abstract (en)

[origin: EP0542692A1] A helical anchor pile (2) is preferably made of plastic in one piece with its head (3). The head (3) is reinforced on either side by a metal disc (6) or two half rings (7) and is provided with a hexagon socket (5) for attaching a turning device. Reinforcing pins (10) which pass through the head (3) and the anchor pile (2) project upwards from the head and are provided there with lateral anchors. The device is suitable for anchoring construction parts, such as high-tension-line towers, building foundations, etc., in the foundation soil.

IPC 1-7

E02D 5/56; **E02D 5/24**; **E02D 27/50**

IPC 8 full level

E02D 5/24 (2006.01); **E02D 5/52** (2006.01); **E02D 5/56** (2006.01); **E02D 27/50** (2006.01)

CPC (source: EP)

E02D 5/24 (2013.01); **E02D 5/523** (2013.01); **E02D 5/56** (2013.01); **E02D 27/50** (2013.01)

Cited by

GB2362672A; FR2894603A1; AT407883B; CN102667002A; AU2010336015B2; US9260832B2; WO0190489A1; WO2011075772A1; WO2013102889A3

Designated contracting state (EPC)

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EP 0542692 A1 19930519; **EP 0542692 B1 19970219**; AT E149052 T1 19970315; DE 59208049 D1 19970327

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