

Title (en)
SCREW PILE ANCHOR

Title (de)
SCHRAUBPFAHLANKER

Title (fr)
DISPOSITIF D'ANCRAGE DE PILIER A VIS

Publication
EP 1019584 A1 20000719 (EN)

Application
EP 98943577 A 19980918

Priority

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Abstract (en)
[origin: WO9914441A1] A screw pile anchor (10) has a tubular shaft (11) with a helical screw flyte (20) and a ground engaging bit (12) at its ground engaging end. The stabilizing assembly (30) has a plurality of fins (34 to 37) radiating from collars (31 to 33) rotatably mounted on the shaft (11). A mounting plate (51) of a lighting column assembly (50) can be attached to the fins (34 to 37) via mounting bolts (40). The stabilizing assembly (30), through the provision of the fins (34 to 37) increases the resistance of the shaft (11) to lateral movement, e.g., under wind loads.

IPC 1-7
E02D 5/56; **E02D 5/80**

IPC 8 full level
E02D 5/56 (2006.01); **E02D 5/80** (2006.01); **E02D 27/42** (2006.01)

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See references of WO 9914441A1

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