

Title (en)

Threaded anchorage system for installation in cohesive and non cohesive granulated loose materials

Title (de)

Schraubenanker zum Einsetzen in kohäsiven bzw. nicht kohäsiven körnigen Materialien

Title (fr)

Ancrage hélicoïdal pour installation dans un matériau particulaire cohésif ou non cohésif

Publication

**EP 1106740 A2 20010613 (EN)**

Application

**EP 00120833 A 20000925**

Priority

IT TV990135 A 19991206

Abstract (en)

An anchorage system comprises a cylindrical rod (1), a preferably conical tip (2) and a threaded part or screw (3) coaxial to the rod and welded onto it consisting of a central portion (31) having an uniform outer diameter (D), an upper and a lower tapered portion (32, 33). The central portion (31) is extended for more than one and no more than three turns, preferably two turns, while the upper and lower portions (32, 33) preferably have an angular extension of about 120 DEG (  $\alpha$  1) to 150 DEG (  $\alpha$  1) along the common axis (X) of the rod (1) and the screw (3). USE : The anchorage system is specifically designed for installation in granulated loose materials, cohesive and non cohesive. ADVANTAGES: Easy installation. High resistance to extraction. No removal of the drilled material. Negligible environmental impact Simple manufacture and at a low cost <IMAGE>

IPC 1-7

**E02D 5/80**

IPC 8 full level

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Citation (applicant)

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