

Title (en)
Anchor to be driven into the ground

Title (de)
Einschlagbarer Bodendübel

Title (fr)
Encrage pour être fixé dans le sol

Publication
EP 0590367 B1 19971126 (DE)

Application
EP 93114400 A 19930908

Priority
• DE 4230776 A 19920915
• DE 9300376 W 19930427

Abstract (en)
[origin: EP0590367A1] A dowel (1) for anchoring bar-shaped objects near to the ground surface is configured as a displacement body by virtue of a shape which is tapered conically in the driving-in direction, and of its large volume with respect to the volume, enclosed by said dowel (1), of the large-volume object which is to be anchored. The dowel (1) is configured essentially in the form of a ring in cross-section and exhibits two portions (3, 4) provided with different tapering angles. Grooves (10) which follow the longitudinal extent of the dowel (1) are provided in the circumference thereof. The object which is to be anchored in the ground can be introduced into a channel (8) serving as a receiving cavity. Starting from the front delimitation (9) of the dowel (1), an anchoring bar, which may optionally be an anchoring tube or the very object which is to be anchored, extends deeper, in the driving-in direction, into the ground. <IMAGE>

IPC 1-7
E04H 12/22

IPC 8 full level
E01F 9/011 (2006.01); **E04H 12/22** (2006.01)

CPC (source: EP)
E01F 9/685 (2016.02); **E04H 12/2215** (2013.01); **E04H 12/2269** (2013.01)

Cited by
CN115191266A; DE19748386A1; FR2775493A1; GB2625364A; CZ298433B6; DE4445274A1; EP2695995A3; NL2028011B1; DE10122789A1; AT16939U1; US2023250672A1; GB2411637B; DE19836523A1; CN115263394A; US6494643B1; US7007910B1; WO2022223481A1; WO0009833A1; WO0005456A1

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