

Title (en)  
GROUND ANCHORING DEVICE FOR TENSIONING ELEMENTS

Publication  
**EP 0216201 B1 19890405 (DE)**

Application  
**EP 86112052 A 19860901**

Priority  
DE 3533408 A 19850919

Abstract (en)  
[origin: US4727694A] An apparatus for anchoring a traction member comprising an anchoring element which is a molded piece with a transverse cross section small compared to the longitudinal cross section thereof and an insertable guiding rod couplable detachably with the anchoring element and alignable longitudinally with it. An attaching piece for the traction member is mounted laterally on the anchoring element with spacing from both ends of it. An anchoring body of the anchoring element is provided with a cutter like tapered front end and on a rear end has a sectioning for nonrotatable engagement with the insertable guiding rod. The attaching piece for the traction member is mounted between the center of gravity of the anchoring body and the front end of the anchoring body. At and/or near the attaching piece for the traction member an arm is mounted so as to be limitedly pivotable the rear end of which is associated with the rear end of the anchoring body. By spreading the arm with respect to the anchoring body the process of anchoring in the earth is optimized.

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

IPC 8 full level  
**E02D 5/80** (2006.01)

CPC (source: EP US)  
**E02D 5/803** (2013.01 - EP US)

Cited by  
NL2002773C2; FR2652366A1; FR2901292A1; EP1867788A3; WO9010114A1

Designated contracting state (EPC)  
AT CH DE FR GB LI NL

DOCDB simple family (publication)  
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**EP 86112052 A 19860901**; AT 86112052 T 19860901; DE 3533408 A 19850919; DE 3662705 T 19860901; US 90912686 A 19860918