

Title (en)
SHOE WITH EARTH FORMATION DISIPLACING STRUCTURE

Title (de)
SCHUH MIT ERDREICHVERDRÄNGENDER STRUKTUR

Title (fr)
SABOT COMPRENANT UNE STRUCTURE DE DEPLACEMENT DE FORMATION DE TERRAIN

Publication
EP 1362159 B1 20070425 (EN)

Application
EP 01911022 A 20010221

Priority
US 0105464 W 20010221

Abstract (en)
[origin: WO02068790A1] A drive shoe (10) for penetrating soil is a larger size than a conductor pipe (11) and connected to the bottom section of the conductor pipe. An exterior band (40) is mounted on the outer diameter and proximate the lower end of the drive shoe. Teeth (28) are spaced at a predetermined interval and extending from and forming the bottom of the drive shoe to enhance penetration into earth formations. The teeth (28) are formed by cutting a beveled section such that the bevel is angled from the drive shoe outer surface towards the drive shoe inner surface. The drive shoe may also have an inner band (41) mounted on the inner surface to further compress the soil away from the interior surface of the drive shoe.

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