

Title (en)
DEVICE FOR TRANSFERRING RODS

Title (de)
VORRICHTUNG ZUR GESTÄNGEÜBERGABE

Title (fr)
DISPOSITIF DE TRANSFERT DE TIGES

Publication
EP 1228287 A1 20020807 (DE)

Application
EP 00984959 A 20001103

Priority
• DE 19953458 A 19991105
• EP 0010866 W 20001103

Abstract (en)
[origin: WO0133035A1] The invention relates to a device for transferring rods for horizontal advance appliances provided for effecting an underground trenchless advance. The inventive device comprises a storage container (11) and a pivotable gripper (31) which is arranged in such a way that the circular path of the gripper (31) crosses both the transfer area of the storage container (11) as well as the boring axis (B). The gripper (31) unlocks a locking element when swinging into the transfer position.

IPC 1-7
E21B 19/087; E21B 19/20

IPC 8 full level
E21B 19/08 (2006.01); **E21B 19/087** (2006.01); **E21B 19/20** (2006.01)

CPC (source: EP US)
E21B 19/087 (2013.01 - EP US); **E21B 19/20** (2013.01 - EP US)

Citation (search report)
See references of WO 0133035A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0133035 A1 20010510; AT E316191 T1 20060215; AU 2154701 A 20010514; AU 775677 B2 20040812; DE 19953458 C1 20010719;
DE 50012095 D1 20060406; EP 1228287 A1 20020807; EP 1228287 B1 20060118; JP 2003523486 A 20030805; JP 4705741 B2 20110622;
US 6969222 B1 20051129

DOCDB simple family (application)
EP 0010866 W 20001103; AT 00984959 T 20001103; AU 2154701 A 20001103; DE 19953458 A 19991105; DE 50012095 T 20001103;
EP 00984959 A 20001103; JP 2001535701 A 20001103; US 12919902 A 20020716