

Title (en)

Fastener setting device for anchoring bars for compound anchors

Title (de)

Setzgerät für Ankerstangen von Verbundankern

Title (fr)

Outil de pose pour barre d'ancrage pour dispositif d'ancrage composite

Publication

EP 0879679 A3 20001102 (DE)

Application

EP 98810311 A 19980409

Priority

DE 19717498 A 19970425

Abstract (en)

[origin: US6050157A] A setting tool for anchor rods of attachment anchors, which have a rear end section (P) having a polygonal cross-section, the setting tool including a housing (2) provided with an insertion end receivable in a chuck of a percussion rotary drill and a rod receptacle (5) provided at an end of the housing opposite, in an axial direction (A), to the insertion end (5), the rod receptacle (5) having an axially extending inner surface (6) provided with at least two ribs (7) projecting therefrom and extending in the axial direction (A), with the ribs (7) defining an inscribed cylinder (Z) having a diameter (x) larger by from about 0.05 mm to about 0.5 mm than a diameter (y) of a circle (K) inscribed in a polygonal cross-section of the rear end section (P) of the anchor rod.

IPC 1-7

B25B 13/06; **B25B 21/02**

IPC 8 full level

B25B 13/06 (2006.01); **B25B 13/48** (2006.01); **B25B 31/00** (2006.01); **B25D 17/00** (2006.01); **B25D 17/08** (2006.01); **E21D 20/02** (2006.01)

CPC (source: EP US)

B25B 13/06 (2013.01 - EP US); **B25B 13/065** (2013.01 - EP US); **B25B 13/48** (2013.01 - EP US); **B25B 31/00** (2013.01 - EP US); **B25D 17/005** (2013.01 - EP US); **B25D 17/08** (2013.01 - EP US); **E21D 20/02** (2013.01 - EP US)

Citation (search report)

- [X] US 5265503 A 19931130 - DOLIN LEE A [US]
- [X] US 4880245 A 19891114 - AUTREY BOB [US]
- [X] DE 3940320 C1 19910613
- [A] US 1798257 A 19310331 - HANSEN CHARLES C
- [A] FR 1191487 A 19591020 - LE BURIN ETS
- [DA] DE 4301582 A1 19930722 - KOKEN TOOL CO [JP]
- [A] US 4134597 A 19790116 - UDERT KARL-ERNST, et al

Cited by

EP0958100B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19717498 A1 19981029; EP 0879679 A2 19981125; EP 0879679 A3 20001102; US 6050157 A 20000418

DOCDB simple family (application)

DE 19717498 A 19970425; EP 98810311 A 19980409; US 6623298 A 19980424