

Title (en)

Perforating apparatus with fine positioning adjustment

Title (de)

Perforiergerät mit Feineinstellung

Title (fr)

Appareil de perforation avec ajustement précis du positionnement

Publication

**EP 1155789 A3 20031105 (DE)**

Application

**EP 01110423 A 20010427**

Priority

DE 10023994 A 20000517

Abstract (en)

[origin: DE10023994A1] The device has a movable device (16) to which a holder for a perforating element (12) can be attached with a piston unit (24) for moving the movable device and a positioning device (30) for setting the starting position of the piston unit that acts directly on the piston unit. The positioning device has internal and external threads (31,29) with pitches matched so the piston movement is smaller than the rotation of the positioning unit. An independent claim is also included for the following: a method of adjusting a perforating device.

IPC 1-7

**B26D 5/04**; **B26F 1/10**

IPC 8 full level

**B26D 5/04** (2006.01); **B26D 7/26** (2006.01); **B26F 1/10** (2006.01); **B26F 1/20** (2006.01)

CPC (source: EP US)

**B26D 5/04** (2013.01 - EP US); **B26D 7/2635** (2013.01 - EP US); **B26F 1/20** (2013.01 - EP US); **B26D 2007/2664** (2013.01 - EP US); **B26D 2007/2685** (2013.01 - EP US); **Y10T 83/04** (2015.04 - EP US); **Y10T 83/7726** (2015.04 - EP US); **Y10T 83/7776** (2015.04 - EP US); **Y10T 83/7788** (2015.04 - EP US); **Y10T 83/7868** (2015.04 - EP US); **Y10T 83/7872** (2015.04 - EP US); **Y10T 83/8696** (2015.04 - EP US); **Y10T 83/8858** (2015.04 - EP US); **Y10T 83/9297** (2015.04 - EP US); **Y10T 83/9314** (2015.04 - EP US)

Citation (search report)

- [AD] DE 3439199 C1 19860220 - MASCHB WERNER BONNET
- [A] WO 9902315 A1 19990121 - WILHELM BILSTEIN KG [DE], et al
- [A] US 4210052 A 19800701 - FISHER ARNOLD R [US]
- [A] US 3380330 A 19680430 - GILMORE WILLIAM J
- [A] FR 2235748 A1 19750131 - ROTHENBERGER SCHWEISSTECH [DE]
- [A] US 3892156 A 19750701 - JOHNSTONE BRUCE V

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)

**EP 1155789 A2 20011121**; **EP 1155789 A3 20031105**; **EP 1155789 B1 20050810**; AT E301535 T1 20050815; DE 10023994 A1 20011122; DE 50107014 D1 20050915; US 2001042425 A1 20011122; US 7028597 B2 20060418

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