

Title (en)  
DEVICE FOR PLACING A MECHANICAL RETAINING MEANS

Title (de)  
VORRICHTUNG ZUM ANORDNEN EINES MECHANISCHEN FESTHALTEORGANES

Title (fr)  
DISPOSITIF POUR LA MISE EN PLACE D'UN ORGANE MECANIQUE DE MAINTIEN

Publication  
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Application  
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Abstract (en)  
[origin: WO9943473A1] The invention relates to a device for placing mechanical retaining means, comprising first means for setting, limiting and/or measuring a path or a length or a distance during placement of the retaining means, and second means for setting, limiting and/or measuring at least one force component at the level of the retaining means, which force component is produced either when said path is travelled or exceeded at the retaining means or by the retaining means itself.

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Cited by  
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**WO 9943473 A1 19990902**; AR 012783 A1 20001108; AT E217563 T1 20020615; AU 1330599 A 19990915; AU 744076 B2 20020214; BR 9815688 A 20001024; BR 9815688 B1 20120110; CA 2322227 A1 19990902; CA 2322227 C 20070515; CN 1138616 C 20040218; CN 1284906 A 20010221; CZ 20003067 A3 20010711; CZ 301437 B6 20100303; DE 59804162 D1 20020620; EP 1079955 A1 20010307; EP 1079955 B1 20020515; ES 2177088 T3 20021201; HK 1033815 A1 20010928; HR P20000554 A2 20010831; HR P20000554 B1 20080930; HU 222550 B1 20030828; HU P0100693 A2 20010628; HU P0100693 A3 20010730; JP 2002504436 A 20020212; JP 4642228 B2 20110302; KR 100570485 B1 20060413; KR 20010041355 A 20010515; NO 20004294 D0 20000828; NO 20004294 L 20000828; NO 315189 B1 20030728; PL 191009 B1 20060331; PL 346853 A1 20020311; PT 1079955 E 20021031; RU 2244605 C2 20050120; SI 1079955 T1 20020831; SK 11322000 A3 20010118; SK 285950 B6 20071102; TR 200002497 T2 20001221; TW 403818 B 20000901; US 2002148265 A1 20021017; US 6430979 B1 20020813; US 6799448 B2 20041005; ZA 99267 B 19990715

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