

Title (en)  
SHOE CLEATS

Title (de)  
STOLLEN FÜR SCHUHE

Title (fr)  
CRAMPONS DE CHAUSSURE

Publication  
**EP 1026970 B1 20030604 (EN)**

Application  
**EP 98939749 A 19980819**

Priority  
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Abstract (en)  
[origin: WO9909851A1] A shoe cleat is adapted to be removably secured in a holder provided on the shoe sole. In a combination of shoe cleat and holder, a screw-threaded spigot (12) on the cleat is inserted with rotation into a complementary socket (18) of the holder, and a locking means (26, 28) becomes interengaged to resist subsequent unscrewing of the assembly. The locking means comprises a ring of free-standing posts (34, 42) extending axially from the cleat and a ring of radially-projective teeth (26) on the holder, the rings being co-axial with the screw axis. During at least later stages of insertion of the spigot (12) into the socket (18), on relative rotation of the rings, engagement of the teeth (26) with the posts (34, 42) causes the posts (34, 42) to deflect resiliently and engagement of the teeth (26) between the posts (34, 42) causes interengagement of the locking means.

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IPC 8 full level  
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**WO 9909851 A1 19990304**; AT E241924 T1 20030615; AU 726666 B2 20001116; AU 8815698 A 19990316; CA 2301571 A1 19990304; CA 2301571 C 20070123; CN 1134231 C 20040114; CN 1234310 C 20060104; CN 1267194 A 20000920; CN 1476795 A 20040225; DE 69815373 D1 20030710; DE 69815373 T2 20040429; EP 1026970 A1 20000816; EP 1026970 B1 20030604; ES 2200361 T3 20040301; HK 1031181 A1 20010608; HK 1063271 A1 20041224; JP 2001513380 A 20010904; JP 3824859 B2 20060920; PT 1026970 E 20031031; TW 432941 U 20010501

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