Title (en)

TIGHTENING DEVICE FOR STRINGS, SHOELACES, STRING AND LIKE ELONGATED AND PLIABLE ELEMENTS HAVING FREE ENDS

Title (de)

SPANNVORRICHTUNG FÜR SAITEN, SCHNÜRSCHEL, SCHNÜRE UND ANDERE LÄNGLICHE UND BIEGBARE ELEMENTE MIT FREIEN ENDEN

Title (fr)

DISPOSITIF DE SERRAGE POUR FICELLES, LACETS DE SOULIER ET ARTICLES ANALOGUES DE FORME ALLONGEE, PLIABLES ET POURVUS D'EXTREMITES LIBRES

Publication

EP 0802746 A1 19971029 (EN)

Application

EP 95943316 A 19951214

Priority

• SE 9501513 W 19951214
• SE 9500060 A 19950110

Abstract (en)

[origin: WO9621372A1] A device for tightening laces, strings and like elongated and flexible elements having free ends, wherein the device comprises an outer sleeve (1) and an inner spring-biassed lock plunger assembly (2) which can be moved axially in the sleeve. The sleeve and the lock plunger assembly have through-penetrating, mutually corresponding holes at right angles to the longitudinal axis of the sleeve and assembly respectively. The free ends of the element are intended to be inserted through these holes after having moved the lock plunger assembly in the sleeve to a position in which the holes are in register with one another. The sleeve (1) and the lock plunger assembly (2) both have two through-penetrating, end-receiving holes (10, 11 and 20, 21 respectively), the distance between the holes (10, 11) in the sleeve (1) being shorter than the distance between the holes (20, 21) in the lock plunger assembly (2). A spring-force generating spring (23) is mounted between two parts (22, 24) of the lock plunger assembly (2), each of these parts being provided with a respective one of the two holes (20, 21) in the lock plunger assembly.

IPC 1-7

A43C 7/08

IPC 8 full level

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