

Title (en)
DEVICE FOR DRAW STRING ACTUATION

Title (de)
VORRICHTUNG ZUR SCHNÜRZUGBETÄTIGUNG

Title (fr)
DISPOSITIF D'ACTIONNEMENT DE CORDON DE SERRAGE

Publication
EP 3506780 A1 20190710 (DE)

Application
EP 17752285 A 20170731

Priority
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• EP 2017000928 W 20170731

Abstract (en)
[origin: CA3039542A1] In a device for draw string actuation in a shoe (1) provided with a draw string device, having a winding disc (16) which is arranged in a rotatable manner in a carrier let into the shoe sole (2) and is stationary in an axial direction and on which at least one draw string element (8) that is able to be wound up thereon acts, and having an actuating element (10) which is movable in the axial direction with respect to the winding disc (16), is able to be pressed down by the carrier of the shoe (1) and in the process is blocked in the direction of rotation, said actuating element (10) being in screw engagement with the winding disc (16), which is rotatable in a tensioning direction by the actuating member (10) that is able to be pressed down, and which is able to be blocked in the tensioned position by means of a blocking device which is releasable by means of an externally actuable release member (11), and having a restoring spring arrangement (33) that counteracts the force exerted by the carrier of the shoe (1), a simple, clear structure and high functional safety and reliability can be achieved in that the carrier let into the shoe sole (2) is configured as a closed housing with a base (20) on which the winding disc (16) is mounted, and with a cover (15) through which an upper push button of the actuating member (10) passes, in that a fixed peg (21) that is assigned to a central passage cutout (18) in the winding disc (6) and has a non-round cross section protrudes from the base (20) of the housing, the actuating member (10) having a corresponding cutout (22) being able to be plugged onto said peg (21) with freedom of movement in the axial direction, and in that the restoring spring arrangement (33) acts on the winding disc (16) and/or the actuating member (10) and, with the blocking device released, restores the winding disc (16) and the actuating member (10) into their respective starting positions.

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Citation (search report)
See references of WO 2018041388A1

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