

Title (en)
SHOE CLOSURE

Title (de)
SCHUHVERSCHLUSS

Title (fr)
FERMETURE DE CHAUSSURE

Publication
EP 0673212 B1 19970319 (DE)

Application
EP 94901731 A 19931128

Priority
• DE 9301140 W 19931128
• DE 4240916 A 19921204

Abstract (en)
[origin: DE4240916C1] A shoe closure consisting of a pulley rotatably fitted in a bearing component to wind up at least one cord-like tensioner to close the shoe, a rotary member to actuate the pulley and a reduction gear between the rotary member and the pulley in the form of an eccentric drive is to be improved in such a way that no irregular tensioning or pulling movements occur in the tensioner. This is achieved in that the pulley (3) takes the form of an independent unit which can be rotated centrically to the central axis (9). The eccentric disc (10) is fitted to move parallel to the pulley (3) and can be shifted via the eccentric drive pin (12) in a plane parallel to the pulley (3). The eccentric disc (10) has, on a circle concentric with its axis of rotation (13), one or more circular recess(es) (16), the mid-point(s) (15) of which lie(s) on the concentric circle (14) and the double radius (rK) of which is at least approximately equal to the sum of the diameter (D) of a coupling bolt (17) fitted to the pulley (3) and the diameter (DK) of the circle (18) of the eccentric drive pin (12).

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