

Title (en)
Shoe buckle.

Title (de)
Schuhschnalle.

Title (fr)
Boucle de chaussure.

Publication
EP 0335828 A1 19891004 (FR)

Application
EP 89810042 A 19890118

Priority
CH 123588 A 19880331

Abstract (en)
[origin: JPH01299503A] PURPOSE: To make minute adjustment of binding in a fixed state by arranging a rotary adjusting button with a screw hole for a connecting bar. CONSTITUTION: An attaching part 14 is fixed with a hinge by a pin 30 on a binding lever 2. The part consists of a holding part having a round longitudinal hole 21 through which a connecting bar 13 can be pierced and a rotary adjusting button 22 having a screw hole for the bar. The button is supported against a fixing means 12 at a distal end of the connecting part. An assembly consisting of the connecting bar 13 and the adjusting button 22 is fixed within the attaching part 14 by a pin 30 in an axial direction. By rotating the button 22, a distance between a ring 1 and a hinge pin 30 on a binding lever can be adjusted and thus the binding is firmly bound.

Abstract (fr)
La boucle comprend un levier-tendeur (2) sur laquelle est articulé un élément d'attache (14) auquel est fixée une tige de traction (13) présentant une partie filetée traversant l'élément d'attache (14) et retenue sur celui-ci par un bouton (22) vissé à l'extrémité de la tige de traction (13). La rotation du bouton permet de régler la longueur active de la tige de traction. L'axe (30) d'articulation de l'élément d'attache (14) sert simultanément de moyen de verrouillage de la tige (13).

IPC 1-7
A43C 11/14

IPC 8 full level
A43B 5/04 (2006.01); **A43C 11/14** (2006.01)

CPC (source: EP US)
A43C 11/1406 (2013.01 - EP US); **A43C 11/1473** (2013.01 - EP US); **Y10T 24/2106** (2015.01 - EP US); **Y10T 24/216** (2015.01 - EP US); **Y10T 24/2183** (2015.01 - EP US)

Citation (search report)

- [X] DE 2157948 A1 19720531
- [A] DE 1910435 U 19650218 - STOCKO METALLWARENFAB HENKELS [DE]
- [A] FR 2507445 A1 19821217 - WARRINGTON INC [CA]
- [A] DE 3132042 A1 19820513 - NORDICA SPA [IT]

Cited by
FR2657508A1; ITVE20120028A1

Designated contracting state (EPC)
AT DE FR IT SE

DOCDB simple family (publication)
EP 0335828 A1 19891004; EP 0335828 B1 19921119; AT E82474 T1 19921215; CH 675952 A5 19901130; DE 68903520 D1 19921224; DE 68903520 T2 19930624; JP H01299503 A 19891204; US 4893384 A 19900116

DOCDB simple family (application)
EP 89810042 A 19890118; AT 89810042 T 19890118; CH 123588 A 19880331; DE 68903520 T 19890118; JP 7875989 A 19890331; US 31146489 A 19890215