Title (en)

BUCKLE FOR SHOES, IN PARTICULAR SKI BOOTS.

Title (de)

SCHNALLE FÜR SCHUHE, INSBESONDERE SKISCHUHE.

Title (fr)

BOUCLE POUR CHAUSSURES, NOTAMMENT CHAUSSURES DE SKI.

Publication

**EP 0545965 B1 19941012**

Application

**EP 91914551 A 19910827**

Priority

- AT 177190 A 19900828
- AT 9100095 W 19910827

Abstract (en)

[origin: WO9203071A1] A buckle (1) for shoes, in particular ski-boots, has a first tensioning element (8) and a clamping lever (3) fastened to a first flap (2) and capable of pivoting transversely to the longitudinal direction of the tensioning element (8). A second tensioning element (10) can be linked to the first tensioning element (8) in one position of a plurality of adjacent positions in the longitudinal direction of the tensioning element (8). The second tensioning element (10) is fastened to a second flap (12) other than the first flap (2). The clamping lever (3) and/or the second tensioning element (10) is linked by an eccentric (13) to the respective flap (2, 12). The eccentric (13) has a bearing pin (15) movable in the longitudinal and transverse directions of the tensioning elements (8, 10), allowing precise adjustment of the whole effective length of the clamping buckle (1). The eccentric is formed of a toothed disk upon which is arranged the bearing pin (15) of the tensioning element (10) or of the clamping buckle (3). The toothed disk can be clamped against the respective flap (2, 12) by a pin (17) other than the bearing pin (15) that extends through the toothed disk (13).

IPC 1-7

**A43C 11/14**

IPC 8 full level

**A43B 5/04** (2006.01); **A43C 11/14** (2006.01)

CPC (source: EP)

**A43C 11/1406** (2013.01); **A43C 11/1426** (2013.01); **A43C 11/148** (2013.01); **A43C 11/1486** (2013.01)

Cited by

US5630253A

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

**WO 9203071 A1 19920305**; AT 396054 B 19930525; AT A177190 A 19921015; DE 59103245 D1 19941117; EP 0545965 A1 19930616; EP 0545965 B1 19941012; JP H05509018 A 19931216; JP H0793885 B2 19951011

DOCDB simple family (application)

**AT 9100095 W 19910827**; AT 177190 A 19900828; DE 59103245 T 19910827; EP 91914551 A 19910827; JP 51377891 A 19910827