

Title (en)

Closure means for shoes and ski boot provided therewith.

Title (de)

Verschlussvorrichtung für Schuhe und Schischuhe mit dieser Vorrichtung.

Title (fr)

Dispositif de fermeture d'une chaussure et chaussure de ski équipée du dispositif.

Publication

EP 0242531 A1 19871028 (FR)

Application

EP 87102430 A 19870220

Priority

- CH 157886 A 19860418
- CH 339786 A 19860822

Abstract (en)

[origin: US4761898A] This fastener for closing two portions (2, 4) of a footwear in general and more particularly of a ski boot comprises a toothed strap (8) having ratchet teeth which is attached to one portion (2) of the footwear and has mounted permanently thereon a stirrup (10) provided with a pawl (11) and a tension lever (14) pivoted on the stirrup (10) fulcrumed on the other hand on the other portion (4) of the boot, the length of the toothed strap (8) being sufficient to allow a wide opening of the footwear, the fastener being adapted to keep the footwear closed permanently and being easily operated with one hand by the user.

Abstract (fr)

Le dispositif est constitué d'une courroie dentée (8) à dents de rochet reliée à l'une des parties de la chaussure et sur laquelle est monté en permanence un étrier (10) muni d'un cliquet (11), étrier sur lequel est articulé un levier-tendeur articulé d'autre part sur l'autre partie de la chaussure. La courroie dentée est suffisamment longue pour permettre une large ouverture de la chaussure et le dispositif forme une boucle toujours fermée, dont la manoeuvre est aisée.

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 11/1413 (2013.01 - EP US); **A43C 11/1433** (2013.01 - EP US); **A43C 11/1453** (2013.01 - EP US); **Y10T 24/216** (2015.01 - EP US); **Y10T 24/2183** (2015.01 - EP US)

Citation (search report)

- [X] CH 595070 A5 19780131 - GUDO AG
- [X] FR 2441355 A1 19800613 - SESAMAT ANSTALT [LI]
- [A] FR 2315874 A1 19770128 - OLIVIERI MINUTERIE METALL [IT]

Cited by

EP0414642A3; US6055707A; US11441715B1; DE4301939A1; DE4301939C2; DE4301250A1; US5233729A; CH685971A5; US6250651B1; WO0033691A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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