

Title (en)
Closing device for a sports shoe.

Title (de)
Schliessvorrichtung für Sportschuhe.

Title (fr)
Dispositif de fermeture d'une chaussure de sport.

Publication
EP 0093458 A1 19831109 (FR)

Application
EP 83200335 A 19830310

Priority
US 37465082 A 19820504

Abstract (en)
[origin: US4433457A] This fastener for closing two opposed closure flaps of a sports footwear, notably a ski boot, comprises on a first flap of the footwear a coupling member adapted to interconnect these flaps, means for anchoring one end of the coupling member to a catch member secured to the one flap, a binding lever pivoted to a support fixed to the other flap of the footwear and having pivoted thereto the other end of the coupling member and comprising beyond its pivot point a rigid extension lying substantially within the plane and thickness of the binding lever extension for interlocking substantially in a common plane the end of the lever extension and the binding lever in their closed and fold-down position which is also the closed position of the fastener itself. The end of the extension is notched and has pivotally mounted therein a spring-loaded pawl formed with teeth cooperating with corresponding teeth formed in the bottom of this notch on the binding lever, so that when closed the device can be opened by actuating a small auxiliary lever or depressing an arm with the thumb.

Abstract (fr)
Le dispositif comprend un organe de liaison (9) articulé sur un levier tendeur (1) et présentant un prolongement (9a) au-delà de l'axe d'articulation (10), prolongement dont l'extrémité est verrouillée avec le levier tendeur, par exemple au moyen d'un cliquet (21) monté sur le levier tendeur et coopérant avec une denture frontale du prolongement. Le levier tendeur est déverrouillé soit par un levier auxiliaire (24) agissant sur le cliquet ou par pression directe sur un bras du cliquet ou par coulissement d'une pièce coulissante de verrouillage.

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); **Y10T 24/2142** (2015.01 - EP US); **Y10T 24/216** (2015.01 - EP US); **Y10T 24/2183** (2015.01 - EP US)

Citation (search report)

- [A] CH 429505 A 19670131 - BALLY SCHUHFAB AG [CH]
- [AD] FR 1366146 A 19640710 - ACTIS ETS
- [AD] DE 1685813 A1 19710902 - SCHLITTENBAUER FRANZ, et al

Cited by
US5421065A; CH689195A5; WO2007113638A1; WO9203945A1

Designated contracting state (EPC)
AT CH DE FR IT LI SE

DOCDB simple family (publication)
EP 0093458 A1 19831109; EP 0093458 B1 19850821; AT E14972 T1 19850915; CA 1200964 A 19860225; DE 3360590 D1 19850926; JP S58203706 A 19831128; JP S6253161 B2 19871109; US 4433457 A 19840228

DOCDB simple family (application)
EP 83200335 A 19830310; AT 83200335 T 19830310; CA 425547 A 19830408; DE 3360590 T 19830310; JP 7230483 A 19830426; US 37465082 A 19820504