

Title (en)

An adjustable fastening device for sport shoes, and sport shoe incorporating said device.

Title (de)

Einstellbare Schliessvorrichtung für Sportschuhe und mit der Vorrichtung ausgerüsteter Schuh.

Title (fr)

Dispositif de fermeture ajustable pour chaussures de sport et chaussure de sport munie d'un tel dispositif.

Publication

**EP 0400213 A1 19901205 (EN)**

Application

**EP 89119152 A 19891016**

Priority

IT 4161189 A 19890529

Abstract (en)

A fastening device comprises a rack mechanism including a holder (75), a toothed element (62) guided slidably in the holder (75), a one-way retainer means (80) for making the toothed element (62) fast with the holder (75) in one of the two sliding directions, and a lever (82) having an operating portion (83) pivoted on the holder; the lever is adapted to engage with the toothed element (62) and drive it in the other of the sliding directions; it further comprises a working portion (84) carried slidably on the operating portion (83) and being elastically biased, in use, to engage with the toothed element (62).

IPC 1-7

**A43B 5/00; A43C 11/14**

IPC 8 full level

**A43B 5/14** (2006.01); **A43B 23/02** (2006.01); **A43C 11/14** (2006.01); **B62M 3/08** (2006.01)

CPC (source: EP KR)

**A43B 5/14** (2013.01 - EP); **A43C 11/00** (2013.01 - KR); **A43C 11/146** (2013.01 - EP)

Citation (applicant)

- US 3662435 A 19720516 - ALLSOP IVOR J
- IT 1233765 B 19920414 - SIGNORI DINO SIDI SPORT [IT]

Citation (search report)

- [Y] US 3662435 A 19720516 - ALLSOP IVOR J
- [Y] EP 0259896 A1 19880316 - RAICHLE SPORTSCHUH AG [CH]
- [A] US 4453290 A 19840612 - RIEDEL TILO H [AT]

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Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

**EP 0400213 A1 19901205**; AU 4673689 A 19901129; CA 2002963 A1 19901129; IT 1233085 B 19920314; IT 8941611 A0 19890529; JP H0394702 A 19910419; KR 910009201 A 19910628

DOCDB simple family (application)

**EP 89119152 A 19891016**; AU 4673689 A 19891214; CA 2002963 A 19891114; IT 4161189 A 19890529; JP 12933890 A 19900521; KR 890015791 A 19891101