

Title (en)

Device for an automatic closing shoe and shoe with such device

Title (de)

Einrichtung für einen automatisch schliessenden Schuh und Schuh mit einer derartigen Einrichtung

Title (fr)

Dispositif pour chaussure fermant automatiquement et chaussure munie d'un tel dispositif

Publication

**EP 1593315 B1 20080514 (DE)**

Application

**EP 05450077 A 20050427**

Priority

AT 7642004 A 20040503

Abstract (en)

[origin: EP1593315A1] The heel cap (12) of the shoe (10) is only joined to the sole with its lower edge and fitted with two vertically inserted reinforcing elements (1). The elements (1) can be rotated around a transversal axle (14) when a control unit located at the rear of the sole is operated. The control unit is assembled of control element (2) joined with a lever (3) to the reinforcing elements (1) and a locking unit comprising two linear moving parts and a pin. When a weight acts on the control element (2) the pin is clamped in between the locking elements and the lever (3) pulls the heel cap (12) into an upright position.

IPC 8 full level

**A43B 11/00** (2006.01)

CPC (source: EP)

**A43B 11/00** (2013.01)

Cited by

ITPN20100041A1; JP2013537060A; CN113876070A; US11707113B2; US10512298B2; US11172727B2; US11140941B2; WO2012033549A1; US10568382B2; US10602802B2; US10758010B2; US11553761B2; US11589653B2; US8065819B2; US10687586B2; US11304479B2; US8499474B2; US11185125B2; US10827803B2; US10863797B2

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DOCDB simple family (publication)

**EP 1593315 A1 20051109; EP 1593315 B1 20080514**; AT 500787 A1 20060315; AT 500787 B1 20061215; AT E394958 T1 20080515; DE 502005004077 D1 20080626; ES 2303217 T3 20080801

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