

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)

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