

Title (en)

Closure device, in particular for shoes, with slidable rack element

Title (de)

Schliessvorrichtung, insbesondere für Schuhe, mit verschiebbarem Zahnelement

Title (fr)

Dispositif de fermeture, en particulier pour chaussure, avec crémaillère coulissante

Publication

EP 1859699 A1 20071128 (EN)

Application

EP 07108476 A 20070518

Priority

IT TV20060086 A 20060523

Abstract (en)

Ratchet device (10; 100a; 100b; 100c; 100d), in particular for footwear, comprising a plate (20; 120a; 120b; 120c; 120d) which can be coupled to the shoe and a rack element (30; 130a; 130b; 130c; 130d) which through retaining means is slidably movable on the plate without detaching therefrom. The device is characterised in that the retaining means between the plate and the rack element comprise a housing (101a; 101b; 101c; 101d) formed in one of the two in which at least the ends (120ax; 120ay; 130bx; 130by; 130cx; 130cy; 120dx; 120dy) of the other are slidably and inseparably engaged.

IPC 8 full level

A43C 11/14 (2006.01)

CPC (source: EP)

A43C 11/1413 (2013.01); **A43C 11/142** (2013.01); **A43C 11/1426** (2013.01)

Citation (search report)

- [X] FR 2561503 A3 19850927 - OLIVIERI ICARO & C [IT], et al
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- [A] FR 2441355 A1 19800613 - SESAMAT ANSTALT [LI]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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