

Title (en)

Damping sole and shoe with damping sole.

Title (de)

Stoßdämpfende Sohle und Schuhwerk mit stoßdämpfender Sohle

Title (fr)

Semelle amortissante et chaussure à semelle amortissante.

Publication

EP 1857005 B1 20091202 (FR)

Application

EP 07106637 A 20070420

Priority

FR 0604308 A 20060516

Abstract (en)

[origin: EP1857005A1] The sole (200) has a front foot zone (A), a heel zone (C), and an arch zone (B), where the heel zone is bent in the extension of the arch zone. The sole is flexible so that the arch zone and the heel zone elastically bend when a user carries his weight on the foot in a loading position, where a transversal section of a contact surface (205) in the heel zone is oriented along a direction of the heel. The sole is formed from a plate which is made of thermoplastic material e.g. polypropylene.

IPC 8 full level

A43B 13/18 (2006.01); **A43B 7/14** (2006.01); **A43B 13/12** (2006.01); **A43B 13/14** (2006.01); **A43B 23/04** (2006.01)

CPC (source: EP)

A43B 7/14 (2013.01); **A43B 13/10** (2013.01); **A43B 13/12** (2013.01); **A43B 13/146** (2013.01); **A43B 13/183** (2013.01); **A43B 23/047** (2013.01)

Cited by

US2018289106A1; US10548368B2; EP2750637A4; EP3254577A1; ITUA20164287A1; WO2016179265A1; US11344078B2; US11819084B2; US10842224B2; US11730232B2; US10758005B2; US11633013B2; US10448704B2; US11344081B2; US11357286B2; US11659888B2; US11659887B2; US10349700B2; US10441027B2; US10743606B2; US10743607B2; US10798992B2; US11147340B2; US11602194B2; US11647808B2; US11678716B2; US11678717B2

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