

Title (en)  
SHOE, IN PARTICULAR SPORTS SHOE

Title (de)  
SCHUH, INSBESONDERE SPORTSCHUH

Title (fr)  
CHAUSSURE, EN PARTICULIER UNE CHAUSSURE DE SPORT

Publication  
**EP 1945054 B1 20111019 (DE)**

Application  
**EP 06806463 A 20061023**

Priority  

- EP 2006010188 W 20061023
- DE 202005017043 U 20051102

Abstract (en)  
[origin: US2009211114A1] The invention relates to a sports shoe, with a damping element (3). To improve the spring constant of the damping element, the damping element (3) has an, upper group (4) of damping bodies (5) and a lower group (9) of damping bodies (10), each having a substantial U-shaped cross section. The upper damping bodies (5) have two legs (6, 7) which are connected with a connection section (8). The lower damping bodies (10) have two legs (11, 12) which are connected with a connection section (13). An intermediate carrier (14) is arranged between damping bodies (5; 10) and legs (6, 7; 11, 12). Adjacent legs (6, 7; 11, 12) of the respective damping bodies (5; 10) are connected at a location of conjunction (15, 16) and the locations of conjunction (15, 16) of the upper and of the lower damping bodies (5; 10) are offset in longitudinal direction (L).

IPC 8 full level  
**A43B 13/18** (2006.01); **A43B 7/24** (2006.01); **A43B 21/26** (2006.01)

CPC (source: EP KR US)  
**A43B 7/32** (2013.01 - KR); **A43B 13/14** (2013.01 - KR); **A43B 13/18** (2013.01 - KR); **A43B 13/181** (2013.01 - EP US);  
**A43B 21/26** (2013.01 - EP US)

Cited by  
CN104824906A; USD910295S

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2009211114 A1 20090827**; AT E529009 T1 20111115; AU 2006310782 A1 20070510; BR PI0618346 A2 20161116;  
CA 2626355 A1 20070510; CN 101299940 A 20081105; CN 101299940 B 20100707; DE 202005017043 U1 20070315;  
EP 1945054 A1 20080723; EP 1945054 B1 20111019; JP 2009514578 A 20090409; KR 20080072698 A 20080806; TW 200735801 A 20071001;  
TW I303559 B 20081201; WO 2007051538 A1 20070510

DOCDB simple family (application)  
**US 9230306 A 20061023**; AT 06806463 T 20061023; AU 2006310782 A 20061023; BR PI0618346 A 20061023; CA 2626355 A 20061023;  
CN 200680040967 A 20061023; DE 202005017043 U 20051102; EP 06806463 A 20061023; EP 2006010188 W 20061023;  
JP 2008538281 A 20061023; KR 20087013204 A 20080530; TW 95140611 A 20061102