

Title (en)

SOLE STRUCTURE BODY FOR SHOES

Title (de)

SOHLENSTRUKTURKÖRPER FÜR SCHUHE

Title (fr)

CORPS DE STRUCTURE DE SEMELLE POUR CHAUSSURES

Publication

EP 1894484 A4 20140514 (EN)

Application

EP 06747151 A 20060530

Priority

- JP 2006311171 W 20060530
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- JP 2005021751 W 20051121

Abstract (en)

[origin: EP1894484A1] A sole structure is provided that can improve cushioning and bending properties of the sole heel portion. The sole assembly 1 is formed of an upper plate 2 disposed on the upper side of the heel portion H, a wavy lower plate 3 provided below the upper plate 2 in the heel portion H and having at least two convex portions 30, 31 that protrude downwardly and that are adapted to form voids C relative to the upper plate 2, and a plurality of outsole portions 51-55 that are divided in the longitudinal direction and that are attached to the lower surfaces of the convex portions 30, 31 of the lower plate 3.

IPC 8 full level

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A43B 13/183 (2013.01); **A43C 15/161** (2013.01)

Citation (search report)

- [E] WO 2006070549 A1 20060706 - MIZUNO KK [JP], et al & US 2006137227 A1 20060629 - KITA KENJIRO [JP], et al
- [YA] WO 0074515 A1 20001214 - AHRENS HANS JOACHIM [DE], et al
- [YA] US 5185943 A 19930216 - TONG JAMES K [US], et al
- See references of WO 2006129837A1

Cited by

EP2260737A4; EP2987421A4; USD969469S; WO2017173076A1; US11974630B2; US10165825B2; US11350696B2; US11622602B2;
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