

Title (en)  
Footwear construction

Title (de)  
Schuhwerkkaufbau

Title (fr)  
Fabrication de chaussure

Publication  
**EP 1857004 A1 20071121 (EN)**

Application  
**EP 07252070 A 20070518**

Priority  
US 38397506 A 20060518

Abstract (en)  
A footwear construction including a midsole frame having a forefoot base, a heel base and an intermediate frame section that connects the forefoot base and the heel base. The forefoot base and heel base can be separated from one another by a frame void. The forefoot base can include at least one forefoot base void extending across the width of the footwear to improve flexibility of the footwear. The construction also can include a midsole including a lower surface housed at least partially within and/or joined with the midsole frame, with the midsole frame forefoot base and a heel base separated from one another below the midsole lower surface by the frame void, and connected above the lower surface by the intermediate frame section. Where the construction includes an outsole, that outsole can define an outsole forefoot void, which can be aligned with the forefoot base void.

IPC 8 full level  
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CPC (source: EP US)  
**A43B 13/125** (2013.01 - EP US); **A43B 13/141** (2013.01 - EP US); **A43B 13/16** (2013.01 - EP US)

Citation (search report)  
• [X] WO 2005009163 A1 20050203 - KEEN LLC [US], et al  
• [X] EP 1602293 A1 20051207 - WOLVERINE WORLD WIDE INC [US]  
• [A] US 6412196 B1 20020702 - GROSS ALEXANDER L [US]  
• [A] US 5191727 A 19930309 - BARRY DANIEL T [US], et al

Cited by  
EP3592170A4; CN103179873A; EP2732717A1; US2018132564A1; JP2019533542A; US10952498B2; WO2012024456A1; US9961965B2; US10165832B2; US11000100B2; US8689467B2; US9468256B2; US9661898B2; US9974358B2; US10512306B2

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Designated extension state (EPC)  
AL BA HR MK YU

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**EP 1857004 A1 20071121**; CA 2587810 A1 20071118; JP 2007307378 A 20071129; US 2008052960 A1 20080306

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