

Title (en)  
Sole for footwear

Title (de)  
Schuhsohle

Title (fr)  
Semelle pour chaussures

Publication  
**EP 1839512 A1 20071003 (EN)**

Application  
**EP 07380052 A 20070223**

Priority  
ES 200600763 U 20060331

Abstract (en)  
This invention is a sole for footwear, to be specific it is a sole of the type that is obtained by injection moulding with plastic materials, such as polyurethane, to ensure that the sole is rigid at the heel end (1) yet extremely flexible in the zone underlying the sole (3) of the foot, characterised by the fact that it is one single piece that is compact and essentially solid that absorbs the slight impacts that are transmitted when the wearer is walking, especially the impacts that are transmitted at the heel, whereas the section underlying the sole of the foot, which is much thinner than the heel section, has a series of grooves running lengthways (4) and transversally (5) on the lower surface, which not only serve to make the sole very flexible but also form studs that give the footwear a secure grip on the ground.

IPC 8 full level  
**A43B 13/14** (2006.01); **A43B 13/22** (2006.01)

CPC (source: EP)  
**A43B 13/141** (2013.01); **A43B 13/16** (2013.01); **A43B 13/223** (2013.01)

Citation (search report)

- [XY] US 2005076536 A1 20050414 - HATFIELD TOBIE D [US], et al
- [Y] US 4724624 A 19880216 - DUCLOS GARY [US]
- [XY] DE 7736457 U1 19780824
- [Y] FR 1018202 A 19521230 - A J & M PRADET & CIE ETS
- [A] US 2002144429 A1 20021010 - HAY GORDON GRAHAM [US]

Cited by  
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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

Designated extension state (EPC)  
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