

Title (en)  
INSOLE TO ELIMINATE ELECTROSTATICS

Title (de)  
EINLEGESOHLE ZUR ELIMINIERUNG VON ELEKTROSTATIK

Title (fr)  
PREMIÈRE INTÉRIEURE ANTISTATIQUE

Publication  
**EP 2056689 A1 20090513 (EN)**

Application  
**EP 07793199 A 20070710**

Priority  
• KR 2007003328 W 20070710  
• KR 20060023730 U 20060831

Abstract (en)  
[origin: WO2008026824A1] Disclosed herein is an insole for eliminating static electricity, which comprises a top layer made of conductive synthetic fabric, a middle layer made of antistatic soft foam, and a bottom layer made of hard synthetic resin, wherein a pair of ferroelectric elements and an electric discharge net are inserted between the soft foam middle layer and the hard synthetic resin layer. The insole has a simple structure, which can be simply used in all kinds of shoes, including not only general shoes, but also safety shoes for wearing in various industrial fields, and it can efficiently eliminate static electricity generated in the human body. Thus, the insole is advantageous in that it can prevent not only various accidents, such as firing explosion and a fire, which occur due to the generation of static electricity in industrial fields, but also various safety accidents, such as electric shocks, body injuries, and unpleasant sensations by electric discharge sound, which occur due to the generation of static electricity in daily life.

IPC 8 full level  
**A43B 17/00** (2006.01)

CPC (source: EP KR)  
**A43B 7/36** (2013.01 - EP KR); **A43B 17/04** (2013.01 - KR)

Citation (search report)  
See references of WO 2008026824A1

Cited by  
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