

Title (en)
DEVICE ATTACHABLE TO ITEM OF CLOTHING FOR DISPENSING MATERIAL FOR ENHANCING GRIPPING PROPERTIES OF SHOE SOLE

Title (de)
AN EINEM KLEIDUNGSSTÜCK ANBRINGBARES ELEMENT ZUR AUSGABE EINES MATERIALS ZUR VERBESSERUNG DER
HAFT-EIGENSCHAFTEN VON SCHUHSOHLN

Title (fr)
DISPOSITIF POUVANT ÊTRE ATTACHÉ À VÊTEMENT POUR DISTRIBUER UN MATÉRIAU POUR AMÉLIORER LES PROPRIÉTÉS
ADHÉRENTES DE SEMELLE DE CHAUSSURE

Publication
EP 2592991 A4 20180404 (EN)

Application
EP 11807449 A 20110713

Priority
• US 36371310 P 20100713
• US 201113178721 A 20110708
• US 2011043845 W 20110713

Abstract (en)
[origin: US2012011749A1] A wiping device may be a friable layer or an absorbent pad made of a material that can absorb and retain a fluid composition and can be attached or is attached to an item of clothing, such as a sock, shoe, compression sleeve, etc. The device is impregnated with an adhesive-type tacky substance that is released when a shoe sole is wiped against it to clean the shoe sole and allow surface dust and debris to be removed from the shoe sole. The deposited substance also forms a film or coating that remains adhered to the surface of the shoe sole to improve traction by imparting tackiness to the shoe sole.

IPC 8 full level
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CPC (source: EP US)
A43B 13/22 (2013.01 - EP US); **A43C 15/02** (2013.01 - EP US)

Citation (search report)
• [Y] US 5318371 A 19940607 - NIEWULIS STEVEN A [US]
• [Y] US 4068318 A 19780117 - MCMAHON WILLIAM P
• [Y] US 5555564 A 19960917 - WELCH JANUARIUS [US]
• [A] US 5471768 A 19951205 - PRYOR GREGORY L [US]
• [E] WO 2012148496 A1 20121101 - MCLAUGHLIN STEVE [US], et al
• See references of WO 2012009432A2

Designated contracting state (EPC)
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DOCDB simple family (application)
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