

Title (en)
VENTILATION INSERT

Title (de)
Belüftungseinsatz und atmungsaktiver Schuh mit Belüftungseinsatz

Title (fr)
INSERT DE VENTILATION

Publication
EP 1759605 A3 20070606 (DE)

Application
EP 06012027 A 20060612

Priority
DE 102005043069 A 20050906

Abstract (en)
[origin: EP1759605A2] The insert has a layer formed by an open-porous, water-permeable and water vapor-permeable surface (6a). Another layer is formed from a swelling material e.g. absorber. A third layer is formed by a water vapor and air-permeable surface (6b), and a distance surface (8) faces textiles and/or shoe interior space, where the former and latter layers are joined together directly and the former layer is bordered through the third layer. An independent claim is also included for a shoe comprising a ventilation insert.

IPC 8 full level
A43B 7/08 (2006.01); **A41D 27/28** (2006.01); **A43B 7/06** (2006.01); **A43B 7/12** (2006.01); **A43B 23/02** (2006.01); **B32B 5/18** (2006.01)

CPC (source: EP)
A43B 1/0009 (2013.01); **A43B 1/0045** (2013.01); **A43B 1/0072** (2013.01); **A43B 7/06** (2013.01); **A43B 7/08** (2013.01); **A43B 7/085** (2013.01); **A43B 7/12** (2013.01); **A43B 23/022** (2013.01); **A43B 23/0235** (2013.01)

Citation (search report)
• [X] DE 4132427 A1 19930401 - PLOUCQUET C F GMBH [DE]
• [X] US 6183855 B1 20010206 - BUCKLEY THERESA M [US]
• [X] EP 0983006 B1 20030723 - GEOX SPA [IT]
• [X] EP 1118281 A2 20010725 - ASESORIAS E INVERSIONES SANTA [CL]
• [X] EP 1500341 A1 20050126 - GALLUS HERRENSCHUH GMBH [AT]
• [X] DE 202004000687 U1 20040513 - LIN HSI IANG [TW], et al
• [X] EP 1563750 A1 20050817 - CELGARD INC [US]
• [X] US 3131036 A 19640428 - HIRSCHBERG ARNOLD H
• [A] EP 1402794 A1 20040331 - STEFCOM SPA [IT]

Cited by
ITVI20110073A1; DE102013003755A1; DE102009009588B4; DE102018123959A1; US10161080B2; WO2014049623A1; EP2294936A1

Designated contracting state (EPC)
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)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1759605 A2 20070307; EP 1759605 A3 20070606; ES 2367449 T3 20111103; ES 2367449 T5 20151201

DOCDB simple family (application)
EP 06012027 A 20060612; ES 06805658 T 20060906