

Title (en)

Shoe with ventilation ply

Title (de)

Schuh mit Ventilationsschicht

Title (fr)

Chaussure avec couche de ventilation

Publication

EP 0857433 A3 19990303 (DE)

Application

EP 98100834 A 19980120

Priority

DE 19703186 A 19970129

Abstract (en)

[origin: EP0857433A2] This new shoe has an outer layer and a ventilation layer within. On at least the inner side, the latter has a textile surface structure. Spacers keep this away from the outer layer. At least the textile surface contains 30-100% multifilament smooth yarn of synthetic polymers and 0-70% of further yarn. Preferably there is a watertight, water-vapour impermeable functional layer between the outer layer and the ventilation layer. All fibres of the ventilation layer and the functional layer are based on polyethylene terephthalate.

IPC 1-7

A43B 7/06

IPC 8 full level

A43B 7/06 (2006.01); **A43B 7/12** (2006.01); **A43B 23/07** (2006.01)

CPC (source: EP US)

A43B 7/125 (2013.01 - EP US); **A43B 23/07** (2013.01 - EP US); **Y10T 428/24149** (2015.01 - EP US)

Citation (search report)

- [X] EP 0350611 A1 19900117 - GORE W L & ASS GMBH [DE]
- [Y] DE 4336303 A1 19950427 - WIRKELASTIC GMBH [DE]
- [DY] EP 0686498 A1 19951213 - AKZO NOBEL NV [NL]
- [A] EP 0434934 A1 19910703 - AKZO NV [NL]
- [A] US 5433021 A 19950718 - MAHLER ROLF-DIRK [IN]

Cited by

EP0968667A1; FR2780251A1; WO2010149680A1; US6260288B1; US6367166B1; WO2013050349A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0857433 A2 19980812; **EP 0857433 A3 19990303**; **EP 0857433 B1 20020502**; DE 59803956 D1 20020606; ES 2175532 T3 20021116; JP H10211002 A 19980811; US 5955172 A 19990921

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