

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/011417 A2

(51) International Patent Classification⁷: **A43B**

(21) International Application Number:
PCT/EP2004/007894

(22) International Filing Date: 15 July 2004 (15.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PD2003A000166 22 July 2003 (22.07.2003) IT

(71) Applicant (for all designated States except US): **GEOX S.P.A.** [IT/IT]; Via Feltrina Centro 16, I-31044 Montebelluna (Treviso), Località Biadene (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **POLEGATO MORETTI, Mario** [IT/IT]; Via Antonini, 7, I-31035 Crocetta del Montello (IT).

(74) Agent: **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, IT-20123 Milano (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

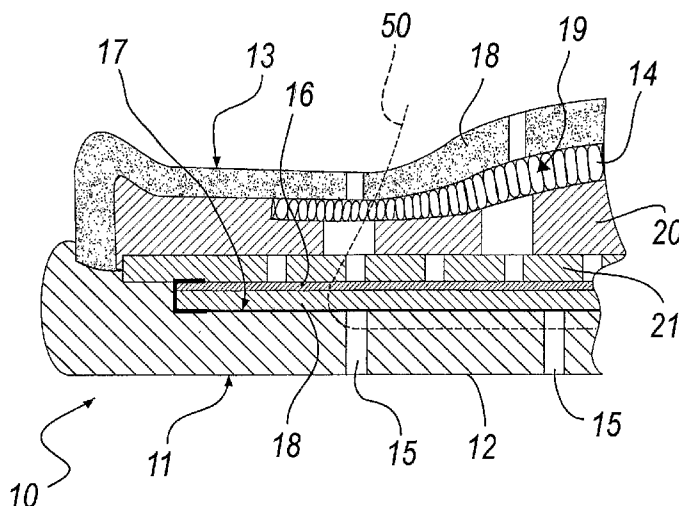
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VAPOR-PERMEABLE AND WATERPROOF SOLE FOR SHOES, PARTICULARLY BUT NOT EXCLUSIVELY FOR OPEN SHOES SUCH AS SANDALS, SABOTS AND THE LIKE, AND SHOE PROVIDED WITH THE SOLE



(57) Abstract: A vapor-permeable and waterproof sole for shoes, particularly but not exclusively for open shoes such as sandals, sabots and the like comprising: a lower element (11, 111, 211, 311), on which a tread (12, 112) is integrated in a downward region; the lower element (11, 111, 211, 311) is chosen between an element that is vapor-permeable at least in an upward region and a perforated element; an upper vapor-permeable and/or perforated element (13, 113); a vapor-permeable and waterproof membrane (16, 116, 216, 316), interposed between the lower element (11, 111, 211, 311) and the upper element (13, 113) the membrane (16, 116, 216, 316) and the lower element (11, 111, 211, 311) and the upper element (13, 113) are joined hermetically in the perimetric regions of mutual contact; and at least one vapor-permeable comfort layer (14, 114), which composes the lower element (11, 111, 211, 311) and/or the upper element (13, 113) and is made of three-dimensional fabric, forming a ventilation gap (19, 119).

WO 2005/011417 A2