

Title (en)
Improved vapor-permeable footwear

Title (de)
Dampfdurchlässiges Schuhwerk

Title (fr)
Chaussure perméable à la vapeur

Publication
EP 0792594 A1 19970903 (EN)

Application
EP 97200540 A 19970225

Priority
IT VI960024 U 19960319

Abstract (en)
It has been found that inserting a layer of a micro-capillary felt (7) in the space defined between the outsole (2) and midsole (3) allows footwear to be provided with a soft plantar zone and a very flexible outsole (2) so as to contribute to the evacuation of vapor resulting from evaporation of perspiration of the foot and enhance comfort for the user while still having the advantages derived from the application of the vapor-permeable and water-tight material (6). More specifically, the footwear according to the invention has an outsole (2), a midsole (3), and an upper. Between the midsole (3) and outsole (2) is a layer of a liquid water-impervious and water vapor-permeable material (6). The outsole (2) and the midsole (3) can have a plurality of holes (4,4') for letting vapor from the interior migrate to the outside of the footwear. <IMAGE>

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IPC 8 full level
A43B 7/08 (2006.01); **A43B 7/12** (2006.01); **A43B 13/12** (2006.01); **A43B 13/38** (2006.01)

CPC (source: EP)
A43B 7/087 (2013.01); **A43B 7/125** (2013.01)

Citation (search report)
• [PX] EP 0728424 A2 19960828 - GORE W L & ASS SRL [IT]
• [A] EP 0382904 A2 19900822 - POL SCARPE SPORTIVE SRL [IT]
• [A] CH 674301 A5 19900531 - GALLUS HERRENSCHUHFABRIK, et al
• [A] EP 0619959 A1 19941019 - POL SCARPE SPORTIVE SRL [IT]
• [A] EP 0434934 A1 19910703 - AKZO NV [NL]

Cited by
JP2014521417A; EP1127507A1; EP1943914A1; WO2013017155A1; WO2011067720A1; US9119476B2; EP1118281B1

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