

Title (en)

Vapor-permeable shoe with waterproof and vapor-permeable sole

Title (de)

Dampfdurchlässiger Schuh mit wasserdichter und dampfdurchlässiger Sohle

Title (fr)

Chaussure perméable à la vapeur avec semelle étanche et perméable à la vapeur

Publication

EP 2712512 B1 20170308 (EN)

Application

EP 13193179 A 20110902

Previously filed application

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Priority

- IT PD20100286 A 20100928
- EP 11752537 A 20110902

Abstract (en)

[origin: WO2012041637A1] A vapor-permeable shoe (10) with waterproof and vapor-permeable sole, which comprises an upper assembly (11), a sole (12), which is joined to the upper assembly (11) and comprises a body (13) made of waterproof material which has a tread (14) and has at least one region (15) that is permeable to water vapor, at least one waterproof and vapor-permeable membrane (16), which covers the region (15), toward the inside of the shoe (10), at least one protective element (17), which covers at least partially the lower face (16a) of the membrane (16), at least one protective shield (18) which is waterproof and vapor-permeable, covers the region (15) and is substantially interposed between the region and the protective element (17), the protective shield (18) being sealed in a waterproof manner to the body (13) at at least one zone (13a) of the body (13) that is peripheral to the region (15).

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- US 5746012 A 19980505 - CALETTI DIEGO [IT], et al
- WO 2004004504 A1 20040115 - SIPORT SPA [IT], et al

Cited by

RU2705803C2

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