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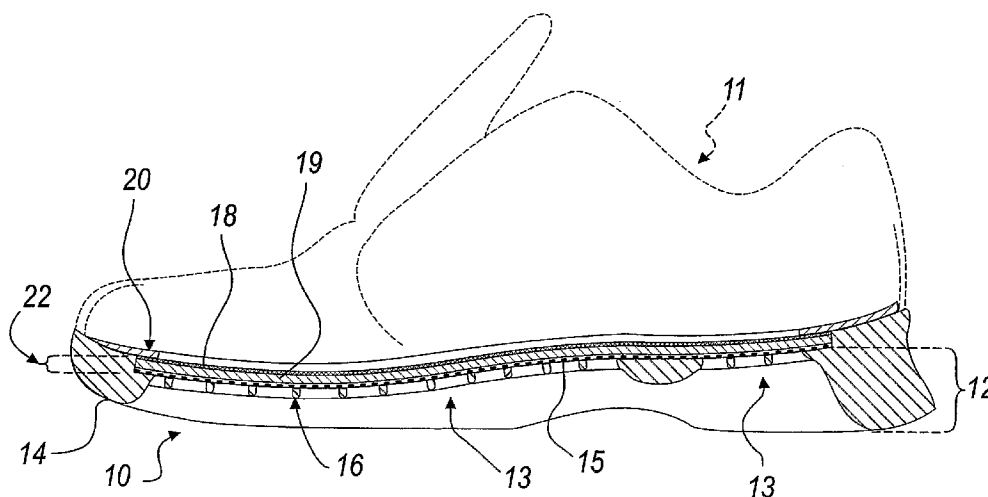
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(54) Title: WATERPROOF AND BREATHABLE SOLE FOR SHOES



(57) Abstract: A waterproof and breathable sole (10, 100, 200, 300) for shoes, which has a structure that comprises a lower layer (12, 112, 212, 312), which has at least one large through hole (13, 113, 313). Above the lower layer (12, 112, 212, 312), there is a mesh (15, 115, 315), arranged substantially so as to overlap at least the large through hole (13, 113, 313). A membrane (18, 118, 318) made of a material that is impermeable to water and permeable to water vapor is associated in an upward region with respect to the mesh (15, 115, 315) at least at the large hole (13, 113, 313). The membrane (18, 118, 318) is joined hermetically at least perimetally to at least one component of the sole (10, 100, 200, 300) in such a manner as to avoid the rise of liquids through the perimeter of the large hole (13, 113, 313). A perforated upper layer (20, 120, 320) is arranged above the membrane (18, 118, 318). The lower layer (12, 112, 212, 312) is overmolded on the mesh (15, 115, 315) and partially incorporates it.

WO 2006/010578 A1