

Title (en)

SHOE AIR VALVE

Title (de)

SCHUHLUFTVENTIL

Title (fr)

SOUPAPE D'AERATION POUR CHAUSSURE

Publication

EP 1454547 A1 20040908 (EN)

Application

EP 02785440 A 20021108

Priority

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Abstract (en)

The invention relates to an air valve for a shoe which is connected to the side wall of the shoe. The inventive valve is intended to communicate the network of internal channels in the shoe with the external environment in order to replenish the air in the aforementioned space inside the shoe. The valve comprises an essentially elongated body having a generally prismatic shape and a rectangular section. Moreover, the valve is provided with flared sections at the ends thereof, said ends being separated by a distance that is equal to the thickness of the wall to which said valve is connected. Furthermore, the body is provided with a longitudinal axial through hole, said hole containing a wedge-like projecting element and an opposing groove which is disposed in the opposite wall of the hole. In this way, the wedge and the groove fit together in a hermetic manner when the pressure produced by the weight of the user is transmitted to the wall of the valve.

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