

Title (en)
SHOES CAPABLE OF BUFFERING SHOCK BY AIR CIRCULATION

Title (de)
SCHUHE MIT STOSSDÄMPFUNG DURCH LUFTZIRKULATION

Title (fr)
CHAUSSURES APTES A L'AMORTISSEMENT DE CHOC PAR LA CIRCULATION D'AIR

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Application
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Abstract (en)
[origin: US2007294916A1] The present invention relates to an air-circulation type shock buffering footwear which can absorb and alleviate a shock applied on a foot, allow the air ventilation through the inside and give a pleasant and comfortable feeling to the wearer for many hours. The inventive shoe comprises the first and second air rooms formed respectively in the front and rear of and on the underside of the middle sole layer, said first and second air rooms communicating with each other through passages; a plurality of sucking holes formed in the inner sole layer to communicate with throughholes of the first air room; the first and second buffering members respectively incorporated in the first and second air rooms for both alleviating shock and circulating the air; the first check valve disposed in the front of the second air room to open or close the passages; and the second check valve disposed in the rear of the second check valve to communicate with the outside so as to discharge the air.

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