

Sole for a Running Shoe with Channel Cushioning

Abstract

A sole for a running shoe having a soft-elastic midsole (1) is disclosed, which has an underside (2) coming at least partially into contact with the ground during running. The midsole comprises a plurality of channels (3a, 3b, 3c and 3d) extending in the transverse direction (Q) arranged in a lateral area (LB) of the midsole (1) in a horizontal plane. At least a portion of the channels (3a, 3b) is arranged in the forefoot area (VFB) and/or at least a portion of the channels is arranged in the midfoot area (MFB) and/or at least a portion of the channels is arranged in the heel area (FB) of the midsole. The channels (3a, 3b, 3c and 3d) are each delimited in the longitudinal direction (L) by a front wall (31) and a rear wall (32) and have an elongated shape in cross-section along the running direction. In addition, the channels (3a, 3b, 3c and 3d) are deformable vertically and/or horizontally in the longitudinal direction (L) until their closure under the action of forces occurring during running acting vertically and/or in the longitudinal direction (L).

(Figure 1)