

Title (en)
SHOE SOLE

Title (de)
SCHUHSOHL

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SEMELLE DE CHAUSSURE

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Abstract (en)
[origin: US6134812A] PCT No. PCT/EP97/05119 Sec. 371 Date Apr. 2, 1999 Sec. 102(e) Date Apr. 2, 1999 PCT Filed Sep. 18, 1997 PCT Pub. No. WO98/14085 PCT Pub. Date Apr. 9, 1998A shoe sole which, in the heel and ball regions, comprises deformable cavities which are connected to one another and to the surrounding air by means of lines which can be closed by valves. Provided in the bending region of the sole is a transverse gap which is closed at the bottom and is filled by a further deformable and partially closable cavity which comprises at least one outlet line to the surrounding air and is connected to the cavity in the ball region via a line which can be closed by a valve. When stress is applied to the heel region, the line connecting the cavity in the region to the surrounding air is closed by the valve, the line leading to the cavity in the ball region is opened, the line leading to the cavity in the gap is closed, and the outlet lines in this cavity are open. When the sole is aligned straight as desired by opening the gap, the lines are closed again and the outer line is opened in order to re-establish the state in which the heel region can be stressed again.

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