

Title (en)  
INSOLE

Title (de)  
EINLEGESOHLE

Title (fr)  
SEMELLE INTÉRIEURE

Publication  
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Application  
**EP 21704528 A 20210210**

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Abstract (en)  
[origin: WO2021180409A1] The invention relates to an insole (1; 1a; 1c; 1d), which has an insole underside (5; 5a; 5c; 5d) and an insole upper side (2; 2a; 2c; 2d), the insole underside (5; 5a; 5c; 5d) being intended to bear against at least part of the surface of a shoe sole (6; 6a; 6c), and the insole upper side (2; 2a; 2c; 2d) being intended to bear against at least part of the surface of the sole of a foot. At least one region (3; 3a; 3c; 3d) that has a concave curvature is expediently provided. As a result of the concave curvature, the insole acts as a diaphragm spring which is formed as an individual spring and which can cushion loads during use. The load on the foot of a person using the insole is thus lessened, which improves posture. The stress on joints when exposed to prolonged loading is also reduced.

IPC 8 full level  
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