

Title (en)

Tubular cushioning system for shoes.

Title (de)

Schuh-Polsteranordnung mit Schlauchelementen.

Title (fr)

Éléments élastiques tubulaires pour chaussures.

Publication

EP 0298449 A2 19890111 (EN)

Application

EP 88110786 A 19880706

Priority

US 7021487 A 19870706

Abstract (en)

The present invention utilizes an upper (22) and a midsole (14) which is disposed in a conventional manner below the upper (22). The midsole includes an elastomeric material and has a number of spaced-apart horizontal tubes (28, 30) extending the width of the midsole (14) which are encapsulated in the elastomeric material. The tubes (28, 30) are hollow and lay side by side in a direction either perpendicular to the longitudinal axis of the shoe (10), parallel to the axis, or in any other direction functional for foot and shoe mechanics. The elastomeric material has a hardness less than the tubes (28, 30) and fills the space between the tubes (28, 30).

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

FR2757025A1; US5423088A; US5155864A; US5155927A; US5493792A; US5155865A; US9125453B2; US6701529B1; WO9825493A1

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