

Title (en)  
SHOE WITH AN ENERGIZED QUARTER PORTION

Title (de)  
SCHUH MIT ENERGETISIERTEM VIERTELTEIL

Title (fr)  
CHAUSSURE AYANT UNE PARTIE DE QUARTIER ALIMENTÉE

Publication  
**EP 3618659 A1 20200311 (EN)**

Application  
**EP 18728237 A 20180504**

Priority  
• IT 201700047889 A 20170504  
• IB 2018053117 W 20180504

Abstract (en)  
[origin: WO2018203295A1] A shoe (10, 60) with quarter portion, comprising an upper (14, 64), a sole (16, 66) and a midsole (16A, 66A), which further comprises a pair of rigid rod-like elements (22, 72) which are coupled rigidly to the sole (16, 66) and/or midsole (16A, 66A), a pair of longitudinally extended flexing springs (24, 74) which are deformable and elastic around the axis of the malleolus of a user who wears the shoe (10, 60), the flexing springs (24, 74) being adapted to accumulate and return elastic mechanical energy and being integral with the pair of rigid rod-like elements (22, 72), and a quarter portion assembly (32, 82) that is associated with the pair of flexing springs (24, 74) and is adapted to make contact with a front tibial portion (50) and with two lateral portions of the leg of the user.

IPC 8 full level  
**A43B 3/24** (2006.01); **A43B 7/20** (2006.01)

CPC (source: EP US)  
**A43B 3/242** (2013.01 - EP); **A43B 7/20** (2013.01 - EP US)

Citation (search report)  
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