

Title (en)
CUSHIONING SHOE SOLE ASSEMBLY

Title (de)
DÄMPFENDE SCHUHSOHLINANORDNUNG

Title (fr)
AGENCEMENT DE SEMELLE DE CHAUSSURE AMORTISSANT

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Application
EP 20206381 A 20201109

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Abstract (en)
[origin: RU2764135C1] FIELD: footwear.SUBSTANCE: present invention relates to a sole system equipped with multiple elastic cushioning inserts with at least one perforation. Further, the invention relates to footwear equipped with such a sole system. The sole system includes a sole with an inner surface of the sole facing the foot, surrounded by an edge of the sole extending along the perimeter. An internal space is formed in the sole, located wherein are several elastic cushioning inserts facing upwards to the foot with a bottom of the insert facing the inner surface of the sole and a wall of the insert extending along the perimeter of the bottom of the insert. At least a perforation is made in the wall of the insert and/or in the bottom of the insert of one or several cushioning inserts.EFFECT: objective of the invention consists in providing a sole system with improved cushioning properties and increased convenience during wearing for the footwear user.10 cl, 5 dwg

Abstract (de)
Die vorliegende Erfindung betrifft eine Schuhsohlenanordnung, die eine Laufsohle (10) mit einer zur Fußseite weisenden Sohleninnenfläche (12) umfasst, die von einem umlaufenden Sohlenrand (14) umgeben ist. In der Laufsohle (10) ist ein Innenraum (16) ausgebildet, in dem mehrere nach oben zur Fußseite weisende elastische Dämpfungsschalen (18) mit einem zur Sohleninnenfläche (12) der Laufsohle (10) weisenden Schalenboden (20) und einer den Schalenboden (20) umlaufenden Schalenwand (22) angeordnet sind. In der Schalenwand (22) und/oder dem Schalenboden (20) einer oder mehrerer Dämpfungsschalen (18) ist wenigstens eine Perforation (24) eingebracht.

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Citation (applicant)
• US 6076282 A 20000620 - BRUE ALDO [IT]
• WO 9966812 A1 19991229 - NOTTINGTON HOLDING BV [NL], et al
• DE 9407864 U1 19940714 - LIU TIEN AN [TW]
• US 4345387 A 19820824 - DASWICK ALEXANDER C
• US 5022168 A 19910611 - JEPPSON III JOHN [US], et al
• DE 3732495 A1 19880901 - AUTRY IND [US]
• DE 3635831 A1 19880511 - KURT O JOHN GMBH & CO KG [DE]
• DE 8900237 U1 19890323
• EP 1304938 A1 20030502 - HEAD SPORT AG [AT]
• WO 2018167331 A1 20180920 - DESARROLLO INTEGRAL DEL MOLDE SL [ES]
• WO 2018167332 A1 20180920 - DESARROLLO INTEGRAL DEL MOLDE SL [ES]

Citation (search report)
• [XAI] US 2010146824 A1 20100617 - SENSINI ANDREA [IT]
• [XAI] FR 2707464 A1 19950120 - CHUPIN BATARDIERE [FR]
• [XA] US 2008184600 A1 20080807 - YANG HEE WOON [KR]
• [XAI] US 2013086823 A1 20130411 - PARK SOO HYUN [KR], et al

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