

Title (en)

Outsole structure of football shoe

Title (de)

Sohlenaufbau für Fussballschuhe

Title (fr)

Semelle extérieure pour chaussure de football

Publication

EP 1234516 A3 20021113 (EN)

Application

EP 02250233 A 20020114

Priority

JP 2001047881 A 20010223

Abstract (en)

[origin: EP1234516A2] An outsole (1) of a soccer spike shoe is formed of six portions, i.e. a heel portion (A), a tread portion (B), a toe portion (C), a midfoot portion (D), an arch portion (E) and a toe root portion (F). The heel portion (A), tread portion (B), toe portion (C) and midfoot portion (D) are made more rigid, and the arch portion (E) and the toe root portion (F) are made less rigid. First to fifth studs (31-35) are provided on a sole surface of the outsole (1). The first stud (31) is disposed at a central portion of a distal phalanx (DP1) of a first or great toe of a shoe wearer's foot. The second stud (32) is positioned at a metatarsophalangeal joint (MJ1) of the first toe. The third stud (33) is placed at a head portion of a metatarsus (MB4) of a fourth toe. The fourth stud (34) is located at a distal phalanx (DP3) of a third toe. The fifth stud (35) is deployed at each head portion of metatarsi (MB2, MB3) of a second and third toe. Thereby, rigidity and strength as well as bendability of the outsole can be achieved. Also, slippage on the contact surfaces can be prevented from occurring during playing soccer. <IMAGE>

IPC 1-7

A43B 5/02; A43B 13/14; A43B 13/16; A43C 15/16

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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