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(54) **Improved sole for footwear**

(57) The invention relates to an improved sole for footwear with a convex or rounded shape, provided with a stabilizer, with a damping system and with an internal system for the rotation of air, which modifies the phase of contact of the foot with the ground in a roller, such that it transforms the process of reception of the ground (with the heel of the foot) and forward translation of the pro-

pellling forces (by means of the area of the metatarsus and toes) in a roller effect, obtaining the damping/stability/impulse effects, and the actuation of the airing system by means of a pad/wedge, the outsole thus configured allowing a rotation on the ground such that the inertia of the body and the vertical forces applied from the heel of the foot are more easily converted into horizontal propelling forces.

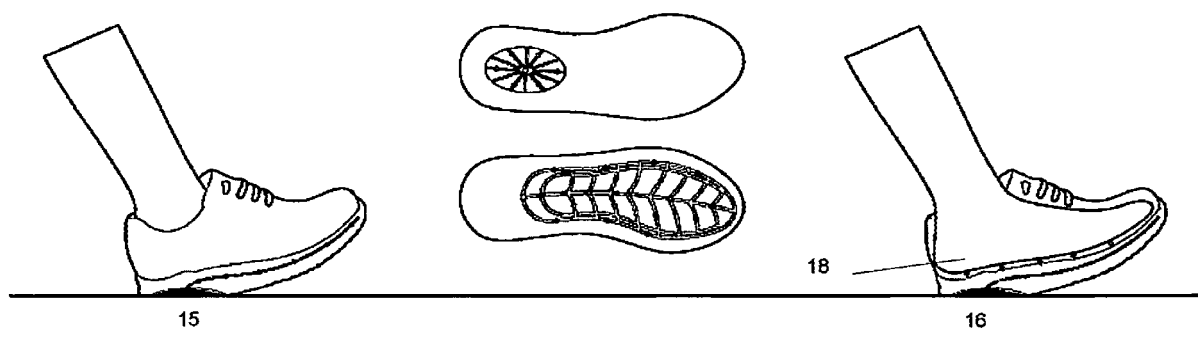


FIG. 9



EUROPEAN SEARCH REPORT

Application Number
EP 10 00 3354

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Place of search		Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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