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(54) **Method for controlling a shifting mechanism of a spike in a shoe and a shoe functioning according to this method**

(57) With a shifting mechanism spikes in the shoe sole are shifted either into a passive position, where the spikes are substantially completely inside the sole of the shoe, or into an active position, where part of the spike is protruding from the sole of the shoe. The function of the shifting mechanism is controlled with a magnetically activated throw-over switch (16) and an activation magnet (30) of the throw-over switch. The shoe user activates the shifting mechanism by bringing the activation magnet close to the throw-over switch. The throw-over switch can be in the heel part of the sole of the shoe and the activation magnet can be in the toe part of the sole of the shoe. The shifting mechanisms of the shoes are thus activated by bringing the toe of the left foot next to the heel part of the right foot and by bringing the toe of the right foot next to the heel part of the left foot. When activated, the shifting mechanism changes the position of the spikes from active to passive or vice versa. The shifting mechanism may comprise an electric motor (10) or an electrically functioning hydraulic or pneumatic pump, whereby the throw-over switch is used for controlling the function of the above-mentioned motor or pump. The shoe may have a power source, such as a chargeable battery (14) and means for receiving charging current for the battery. The above-mentioned means may comprise a receiving coil (18) in the shoe, into which charging current for the battery can be produced with a transmitting coil placed beside the shoe.

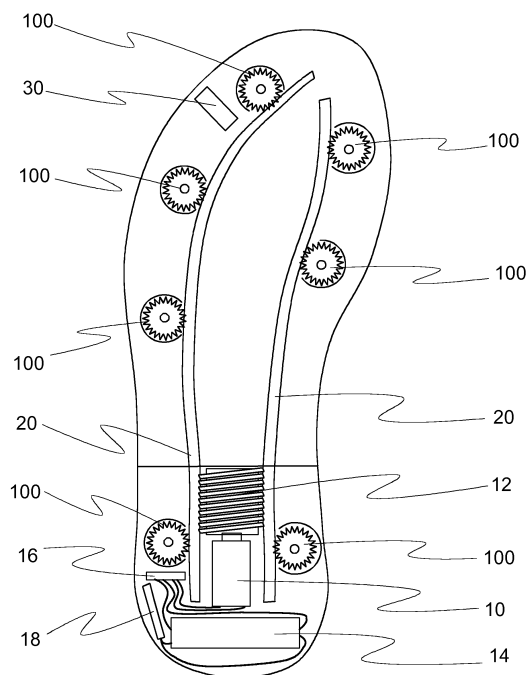


Fig. 1a



EUROPEAN SEARCH REPORT

Application Number
EP 12 17 1142

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 8 July 2013	Examiner Gkionaki, Angeliki
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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