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(54) **Electrically heated insoles for footwear and remote control heating system for electrical insoles for footwear**

(57) A wire-free, rechargeable electrically heated insole for footwear. The insole comprises an upper sole and a bottom sole separated by electrical components for controlling the continuous monitoring and heating of the insole. An insert and fiber plane are also provided as a cushion for the electrical components between the upper and bottom soles. The electrical components comprise a printed circuit board electrically coupled with a thermostat, an amplifier and transistor, resistors, and a light emitting diode to form the electrical system. An integrated battery is used to power the system. The insole is designed to be automatically activated to generate heat when the temperature of the foot inside the footwear cools to a certain temperature and automatically de-activated or discontinue generating heat when the temperature of the foot inside the footwear heats to a certain temperature. Alternatively, the electrical insole for footwear may be heated using a remote control heating system comprising a remote transmitter coupled with a receiver and other additional electrical components provided in the sole.

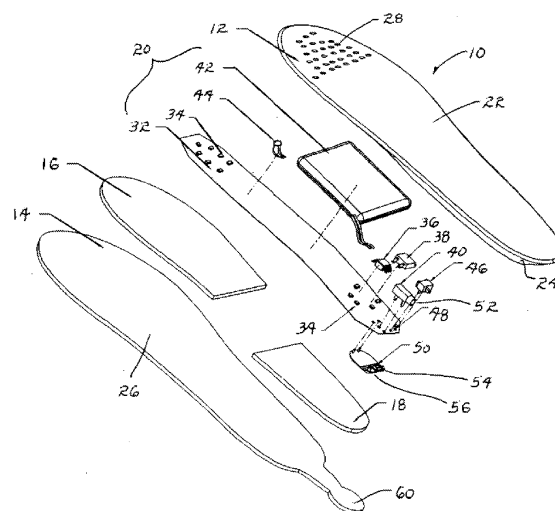


FIG.1



EUROPEAN SEARCH REPORT

Application Number
EP 10 15 2125

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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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X	WO 2005/072548 A1 (THERM IC PROD) 11 August 2005 (2005-08-11) * claim 1; figures *	1	
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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 13 December 2013	Examiner Claudel, Benoît
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

1

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 10 15 2125

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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