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(54) **Protective sock**

(57) The invention relates to a protective sock (1) intended to be used in swimming pools, spas and the like. The protective sock is formed by two materials differentiated in the sole (2) and the vamp (3), the sole being formed by a textile material the composition of which comprises polyamide between 60 and 75% and polyurethane between 40 and 25%, which confers waterproofness to it, allowing at the same time the transpiration

of the sole of the foot. This allows the sole to act as a protective barrier against fungi and other pathogenic agents of the type found in wet and crowded areas around swimming pools and the like, and at the same time allows the transpiration of the sole of the foot, thereby achieving a correct ventilation of the latter and, consequently, greater comfort for the user, in addition to preventing skin diseases caused by the lack of transpiration.

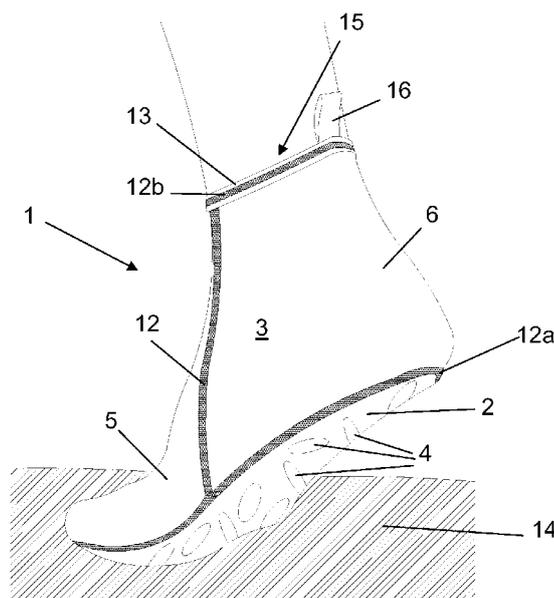


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
EP 10 38 2054

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 4 317 292 A (MELTON FLORENCE) 2 March 1982 (1982-03-02) * column 5, line 7 - line 9 * * column 5, line 22 - line 29 * * column 6, line 8 - line 14; figures 1-4 * -----	1-3	INV. A43B5/08
A	US 4 294 022 A (STOCKLI ANDRE ET AL) 13 October 1981 (1981-10-13) * column 1, line 67 - line 68; figure 1 * -----	10	
A	US 2008/032056 A1 (WHANG BRIAN [US] ET AL) 7 February 2008 (2008-02-07) * paragraph [0041] * * paragraph [0023]; figures 1,6,7 * * paragraph [0021] * -----	1-3,11	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			A43B A41B
1	Place of search The Hague	Date of completion of the search 13 December 2012	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
ON EUROPEAN PATENT APPLICATION NO.**

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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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13-12-2012

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4317292	A	02-03-1982	NONE	

US 4294022	A	13-10-1981	NONE	

US 2008032056	A1	07-02-2008	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82