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(11) **EP 1 084 636 A1**

(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
21.03.2001 Bulletin 2001/12

(51) Int Cl.7: **A43B 3/00, A43B 3/10**

(21) Application number: **00500200.1**

(22) Date of filing: **08.09.2000**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **13.09.1999 ES 9902327**

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(54) **Improved sandal**

(57) Improved sandal, made of one sole (1) manufactured with a plastic material, wood, leather or similar, to which the heels (2) are optionally added by conventional means to the back side of the lower part, as well as soft soles in the upper part, showing strips (3) allowing

ing to tie the foot of the user to the sole (1) which strips are made using a tubular body fluorescent to the dark light or actinic light or optionally they can be built using hollow pipes filled with materials fluorescent under dark light or actinic light.

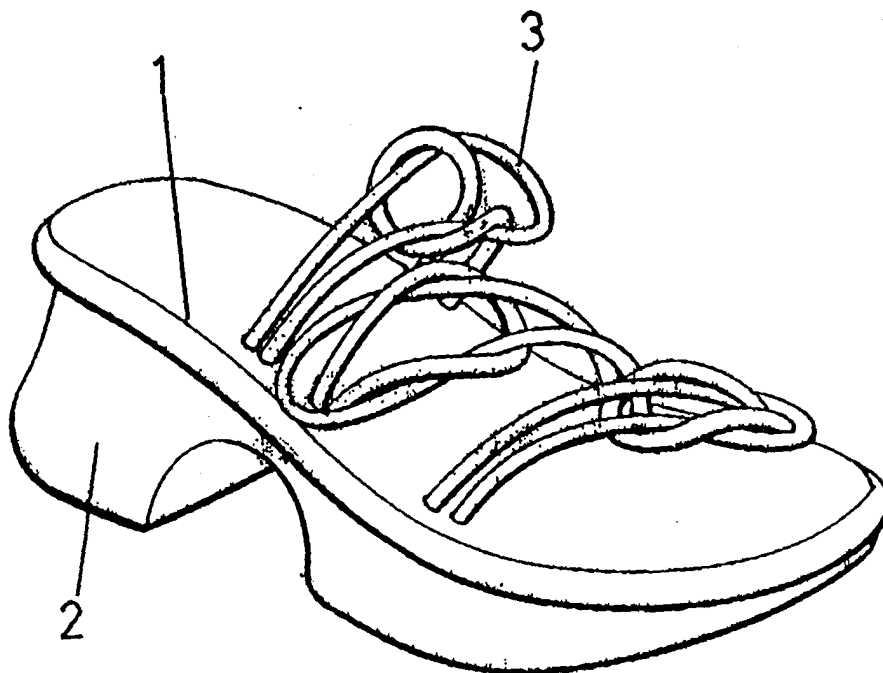


FIG.1

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Description**PURPOSE OF THE DEVICE**

[0001] This statement refers to a request to Utility Model, referring to an improved sandal, which obvious utility is that it is shaped as an open shoe, built on a conventional sole and strips which strap the said sole to the foot of the user, being the improvement the presence of fluorescent plastic strips.

[0002] These fluorescent plastic strips are designed as bodies emitting fluorescence when receiving irradiation from a source of dark light or hollow pipes filled with fluorescent materials in presence of dark light or actinic light, emitting a visible radiation when placed near light sources of the said types.

AREA OF USE OF THE DEVICE

[0003] This device is used by the shoe industry, more precisely within the industry of manufacturing sandals and the like.

PRECEDENTS OF THE DEVICE

[0004] It is well known the existence and common use of sandals built with one sole, made of a plastic material, wood or leather, to which the heels are fixed in the back of the lower side, and a soft sole in its upper side, with strips able to tie and hold the shoe to the foot.

[0005] The said strips are normally manufactured of leather, plastic, textiles or other similar materials, being optionally decorated with drawings, webs or decoration for aesthetic purposes.

[0006] The applicant is not aware of any sandals in which the strips have a different characteristics which make them essentially different to the extant ones in the market, besides their external shape or decoration.

DESCRIPTION OF THE DEVICE

[0007] The improved sandal suggested by the finding is an obvious novelty within this field of use, since it offers an improved composition of the strips, allowing to closely hold the foot of the user to the sole.

[0008] The sole is made with a base board with the hollow shape of a footprint, to which there are optionally added conventional heels in the back side of its lower part and soft soles in its upper part.

[0009] The strips which tie the foot of the user to the sole, which are fastened to the same means, are made of tubular bodies, full or hollow, fastened to its both ends to the sole, forming arches on the upper part of this, and are manufactured using plastic materials with fluorescent properties, and can be made with conventional tubular bodies filled with fluorescent material.

[0010] The fluorescent material of the filling or which forms the body of the pipes has fluorescent properties

when receiving dark or actinic light, glowing in the dark when receiving this type of light only.

DESCRIPTION OF THE DRAWINGS

[0011] In order to complement this description and in order to help to a better understanding of the characteristics of the device, a sheet of drawings is added to this memorandum of description as an integral part of the same, in which, with an illustrative character, but not with a limiting character, the following is represented:

[0012] The drawing N° 1.- Shows an isometric view of the device.

[0013] The drawing N° 2- Shows a particular of one of the possible ways to bind the strips to the sole.

RECOMMENDED MANUFACTURING PROCEDURE OF THE DEVICE

[0014] In the drawings it can be seen how the improved sandal which is proposed is built starting from a sole (1) made of plastic material, wood, leather or similar, to which there are optionally added heels (2) by conventional means to the back side of its lower part; as well as soft soles in its upper part, showing strips (3) which allow to tie the foot of the user to the sole (1); these are made of a tubular body fluorescent under dark or actinic light, although optionally they can be made with hollow tubes filled with a fluorescent material under dark of actinic light.

[0015] The materials used for this type of shoe can be any of the following:

[0016] The sole can be made of leather sole, polyurethane, rubber, etc,

[0017] The welts can be of a PVC strip in order to reinforce the outline of the sole.

[0018] In the soles, the heels will have the combinations of layers of polyurethane with the same qualities as the PVC.

[0019] The soft soles will be made of leather and will have different colours.

[0020] The body of the shoe will be made with elastic and flexible strips of PVC, and can be combined with leather strips according to the part of the foot to be covered, being round and flat, and placed according to each model.

[0021] The strips of hollow pipe of transparent PVC can be filled with a granulated, transparent PVC autofluorescent under the light, as already said before.

[0022] The hollow PVC pipes can be placed in a way that shows a thread forming a round string with different colours, autofluorescent under the said light.

[0023] It is not considered necessary to further explain this description to allow any expert in the industry understands the reach of this device and the advantages of the same.

[0024] The materials shape, size and distribution of the elements can be modified, provided that this does

not mean a change in the essence of the device.

Claims

1. Improved sandal, made of one sole (1) manufactured with a plastic material, wood, leather or similar, to which the heels (2) are optionally added by conventional means to the back side of the lower part, as well as soft soles in the upper part, showing strips (3) allowing to tie the foot of the user to the sole (1). These strips (3) have the characteristic that they are made using a tubular body fluorescent under dark light or actinic light although they can be optionally built using hollow pipes filled with materials fluorescent under dark light or actinic light.

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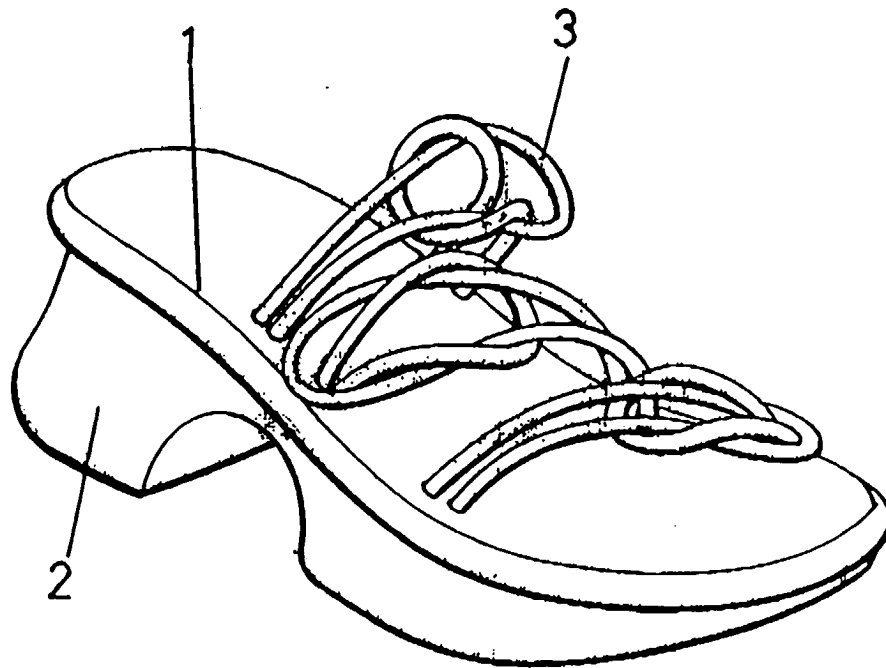


FIG. 1

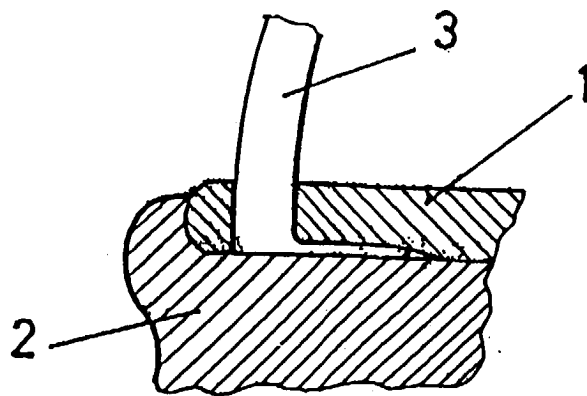


FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 00 50 0200

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	US 5 052 131 A (RONDINI PAUL) 1 October 1991 (1991-10-01) * the whole document *	1	A43B3/00 A43B3/10
Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) & JP 10 026948 A (AOYAMA NAUYUKI), 27 January 1998 (1998-01-27) * abstract *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A43B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		29 November 2000	Claudel, B
<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</p> <p>& : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 50 0200

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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29-11-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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JP 10026948 A	27-01-1998	NONE	

EPO FORM P0459

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