



(12) **EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(43) Date of publication:
12.10.2016 Bulletin 2016/41

(51) Int Cl.:
A45C 11/00 (2006.01) A45C 11/24 (2006.01)

(21) Application number: **14867402.1**

(86) International application number:
PCT/ES2014/070887

(22) Date of filing: **02.12.2014**

(87) International publication number:
WO 2015/082744 (11.06.2015 Gazette 2015/23)

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

(72) Inventors:
• **ROBLES CARTES, Alvaro**
E-43004 Tarragona (ES)
• **RAMOS PIÑERA, Pascual**
E-43004 Tarragona (ES)

(30) Priority: **03.12.2013 ES 201331387 U**

(74) Representative: **Lahidalga de Careaga, Jose Luis**
C/Arturo Soria 243 - Dupl.
28033 Madrid (ES)

(71) Applicant: **Pierre Comunica, S.L.**
43004 Tarragona (ES)

(54) **PROTECTIVE CASE FOR MOBILE AUDIOVISUAL DEVICES, WHICH CAN DISPLAY ADVERTISING**

(57) **Protective and advertising case for mobile audiovisual devices** comprised essentially by:

- Rear base with multiple die cuts.
- Top closing base
- Top closing cover

- Right closing flap and spaces dedicated for advertising located in the visible part of the right and left flaps, as well as in the rear part of the base.

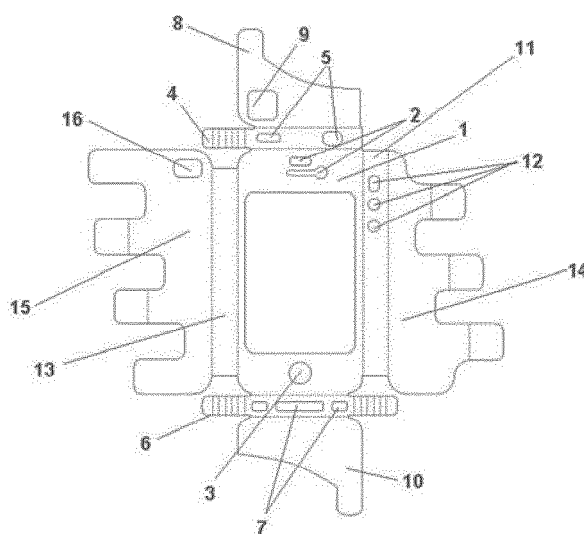


FIG.1

Description

OBJECT OF THE INVENTION

[0001] The present specification refers to an invention of a protective and advertising case for mobile audiovisual devices which primary function is protecting the audiovisual device in its entirety, but allowing using its main functions even with the case on, and furthermore it also has areas suitable for the insertion of advertising or customization.

FIELD OF THE INVENTION

[0002] This invention has its application within the field of accessories for audiovisual devices and also within the paper, cardboard and plastic industries, the main materials that may constitute the case.

BACKGROUND OF THE INVENTION

[0003] Presently it is known the existence of a multitude of protective cases for mobile audiovisual devices made of all kinds of materials and even impervious to liquids, but none of them presents this flat layout that allows for an easy storage, being also able to protect the devices on all their sides and being also usable under these conditions.

[0004] The applicant does not know of the current existence of an invention provided with the features described in this specification.

DESCRIPTION OF THE INVENTION

[0005] The invention refers to an invention of a protective and advertising case for mobile audiovisual devices which primary function is protecting the audiovisual device in its entirety, but allowing using its main functions even with the case on, and furthermore it also has some areas suitable for the insertion of advertising or customization and it is made of the following items:

In principle, the advocated invention is made from a sheet of a thin but resistant material, such as paper, cardboard or plastic, irregularly cut, formed by a rectangular base which supports the rear of the audiovisual device, four sides, two top flaps and two irregular profile covers that fit among them and that are particularly related as follows

- Rear base, with a rectangular shape which supports the rear side of the audiovisual device and where some die cuts can be found on the top of the rear base and where some die cuts can be found on the bottom of the rear base.
- Top closing base with a significantly rectangular shape with some die cuts on the top closing base and a lower closing base, significantly rec-

tangular, with some die cuts on the bottom closing base.

- Top closing cover, with a trapezoidal shape with a die cut on the top closing cover and a lower closing cover, a right-hand side closing cover with a few die cuts on the right-hand side cover and a left-hand side closing cover.

- Right closing flap with three tabs of increasing size toward the bottom and a left closing flap with four tabs of decreasing length downwards, with a die cut on the left closing flap left.

- Anterior spaces dedicated to advertising located preferably in the visible part of the right flap and the visible part of the left flap, existing also a space for advertising on the back of the base.

[0006] The seal between the right and left flaps is performed using the fit of the tabs on both flaps.

DESCRIPTION OF THE DRAWINGS

[0007] In order to supplement the description in progress and in order to help to a better understanding of the features of the invention, it is attached to the present specification and as an integral part of the same one sheet of planes, wherein identical references denote identical items and wherein with illustrative and non-restrictive purposes the following has been represented:

FIGURE 1. - Plan view of the protective case

FIGURE 2.-Plan view of the protective case with an audiovisual device to protect

FIGURE 3.- Plan view of the protective case with the top and lower flaps in a folded state

FIGURE 4. - Plan view of the protective case folded in its entirety.

[0008] Identical references denote identical items and wherein with illustrative and non-restrictive purpose the following has been represented:

- (1).- Rear base.
- (2).- Die-cuts in the top of the rear base
- (3).- Die-cuts in the bottom of the rear base
- (4).- Top closing base
- (5).- Die-cuts in the top closing base
- (6).- Bottom closing base.
- (7).- Die-cuts in the bottom closing base
- (8).- Top closing cover
- (9).- Die-cuts in the top closing cover
- (10).- Bottom closing cover
- (11).- Right-hand side closing cover
- (12).- Die-cuts in the right-hand side cover
- (13).- Left-hand side closing cover
- (14).- Right closing flap
- (15).- Left closing flap
- (16).- Die-cuts in left closing flap

- (17).- Audiovisual device
- (18).- Anterior spaces dedicated to advertising
- (19).- Spaces dedicated to advertising located in the rear part

PREFERED EMBODIMENT OF THE INVENTION

[0009] The invention refers to an invention of a protective and advertising case for mobile audiovisual devices which primary function is protecting the audiovisual device in its entirety, but allowing using its main functions even with the case on, and furthermore it also has some areas suitable for the insertion of advertising or customization and it is made of the following items:

In principle, the advocated invention is made from a sheet of a thin but resistant material, such as paper, cardboard or plastic, irregularly cut, formed by a rectangular base which supports the rear of the audiovisual device, four sides, two top flaps and two irregular profile covers that fit among them and that are particularly related as follows:

- Back base (1), with a rectangular shape which supports the rear side of the audiovisual device (17) and where some die cuts can be found on the top of the rear base (2) and where some die cuts can be found on the bottom of the rear base (3),
- .- Top closing base (4) with a significantly rectangular shape with some die cuts on the top closing base (5) and a lower closing base (6), significantly rectangular, with some die cuts on the bottom closing base (7).
- .- Top closing cover (8), with a trapezoidal shape with a die cut on the top closing cover (9) and a lower closing cover (10), a right-hand side closing cover (11) with a few die cuts on the right-hand side cover (12) and a left-hand side closing cover (13).
- Right closing flap (14) with three tabs of increasing size toward the bottom and a left closing flap (15) with four tabs of decreasing length downwards, with a die cut on the left closing flap left (16).
- .- Anterior spaces dedicated to advertising located preferably in the visible part of the right flap (18) and the visible part of the left flap (18), existing also a space for advertising (19) on the back of the base (1)

[0010] The seal between the right (14) and left flaps (15) is performed using the fit of the tabs on both flaps.

[0011] Having been described sufficiently the nature of the invention, as well as the way to be implemented, it should be noted that the provisions denoted and represented previously in the attached drawings are susceptible to changes of details in terms as long as they do

not affect to its fundamental principles set forth in the above paragraphs and summarized in the following claims.

5

Claims

1. Protective and advertising case for mobile audiovisual devices characterized in that it is comprised by a rectangular base supporting the rear of the audiovisual device, four sides, two top flaps and two irregular profile covers fitting one another and that, particularly, are related as follows

10

15

20

25

30

35

40

45

50

55

- Back base (1), with a rectangular shape which supports the rear side of the audiovisual device (17) and where some die cuts can be found on the top of the rear base (2) and where some die cuts can be found on the bottom of the rear base (3),
- .- Top closing base (4) with a significantly rectangular shape with some die cuts on the top closing base (5) and a lower closing base (6), significantly rectangular, with some die cuts on the bottom closing base (7).
- .- Top closing cover (8), with a trapezoidal shape with a die cut on the top closing cover (9) and a lower closing cover (10), a right-hand side closing cover (11) with a few die cuts on the right-hand side cover (12) and a left-hand side closing cover (13).
- Right closing flap (14) with three tabs of increasing size toward the bottom and a left closing flap (15) with four tabs of decreasing length downwards, with a die cut on the left closing flap left (16).
- .- Anterior spaces dedicated to advertising located preferably in the visible part of the right flap (18) and the visible part of the left flap (18), existing also a space for advertising (19) on the back of the base (1)

2. Protective and advertising case for mobile audiovisual devices according to claim 1 and **characterized in that** the seal between the right (14) and left (15) flaps is performed by fitting the tabs of both flaps.

3. Protective and advertising case for mobile audiovisual devices according to claim 1 and **characterized in that** the anterior spaces dedicated to advertising located preferably in the visible part of the right flap (18) and in the visible part of the left flap (18), existing also a space for advertising (19) on the rear part of the base (1).

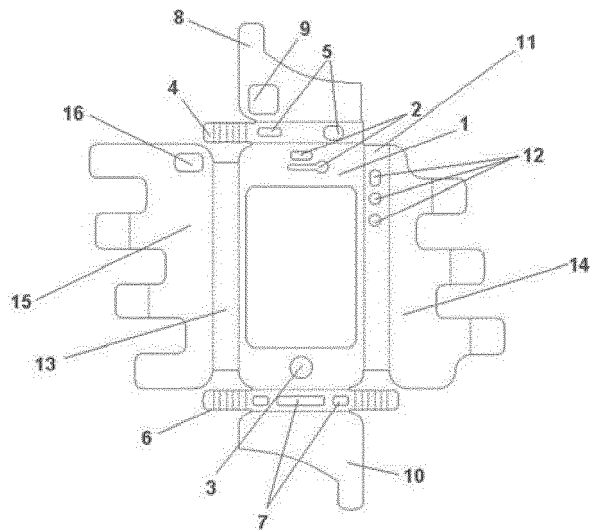


FIG. 1

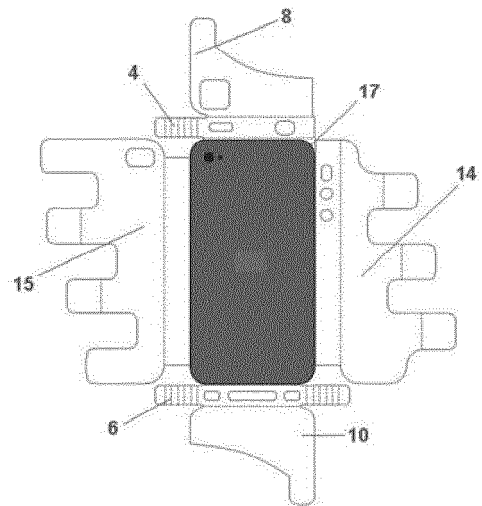


FIG. 2

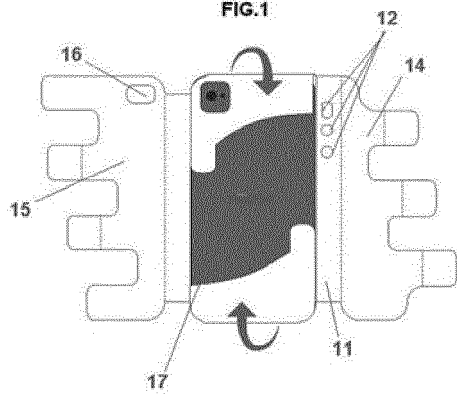


FIG. 3

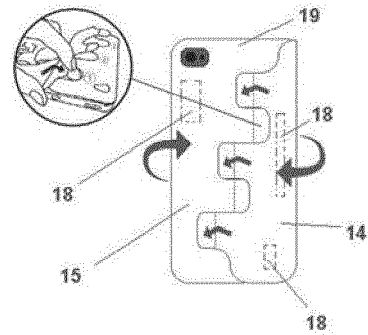


FIG. 4

INTERNATIONAL SEARCH REPORT

International application No.
PCT/ES2014/070887

A. CLASSIFICATION OF SUBJECT MATTER

A45C11/00 (2006.01)

A45C11/24 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A45C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, INVENES, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2013219834 A1 (ALDANA LEONARDO ET AL.) 29/08/2013,	1
A	ES 1089706U U (ERLANDSEN STRANGE PAUL ANTHONY) 17/09/2013,	1
A	KR 200469139Y Y1 24/09/2013,	1
A	KR 200451310Y Y1 08/12/2010,	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance.

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure use, exhibition, or other means.

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
10/02/2015Date of mailing of the international search report
(11/02/2015)

Name and mailing address of the ISA/

OFICINA ESPAÑOLA DE PATENTES Y MARCAS
Paseo de la Castellana, 75 - 28071 Madrid (España)
Facsimile No.: 91 349 53 04Authorized officer
M. González Vasserot

Telephone No. 91 3493087

Form PCT/ISA/210 (second sheet) (July 2009)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ES2014/070887

Information on patent family members

Patent document cited in the search report	Publication date	Patent family member(s)	Publication date
US2013219834 A1	29.08.2013	US8662298 B2	04.03.2014
ES1089706U U	17.09.2013	ES1089706Y Y	17.12.2013
KR200469139Y Y1	24.09.2013	NONE	
KR200451310Y Y1	08.12.2010	NONE	

Form PCT/ISA/210 (patent family annex) (July 2009)