

(19)



(11)

**EP 2 674 367 A1**

(12)

**EUROPEAN PATENT APPLICATION**

(43) Date of publication:

**18.12.2013 Bulletin 2013/51**

(51) Int Cl.:

**B65D 25/20** <sup>(2006.01)</sup> **G11B 33/04** <sup>(2006.01)</sup>  
**B65D 85/575** <sup>(2006.01)</sup>

(21) Application number: **12460030.5**

(22) Date of filing: **11.06.2012**

(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**

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Remarks:

Amended claims in accordance with Rule 137(2)  
EPC.

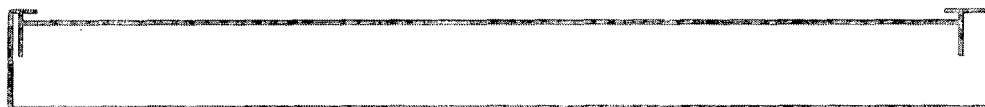
(54) **Box with a carrier of information**

(57) The invention refers to a shape of a box with a frame which is in the form of especially a regular polyhedron or a solid of revolution. It is made from thermoplastic plastic material, it has a frame (5) making a uniform whole with the shape (4); the frame (5) has at least two edges (2) with a fissure (1) for placing carriers of information or advertisement.

According to the invention the shape has a frame (5)

with at least two opposite edges (2) with a fissure (1) for sliding in the carrier of information or advertisement. The shape may have the form of a closing of a container in the form of a lid, cover, screw top, or the side of the packaging; and it may make an arbitrary fragment of a surface of the packaging.

The shape may have a full or partial rear wall (3), which is flat or shaped according to needs.



**Fig.5**

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## Description

**[0001]** The subject of the invention is a shape of a box with a frame to be placed on any surface of the box or its element, intended for placing carriers of information, advertising, packaging, decorative and toy materials, making a whole with a box of any shape.

**[0002]** There are known different methods of placing information about the product on a box, the packaging of a product, with simultaneously placed graphic image in the form of a stuck paper or plastic label, or the placing of the lenticular system on the external surface. The imprint on the external surface of the packaging is also known.

**[0003]** There are known frames for the exhibition of vinyl records in the form of a typical frame with a construction for the fixing and placing of the record.

**[0004]** The aim of the invention is a shape of a box with a frame making a whole, in the form of a box or its part, enabling easy and quick placing of any information or decoration, especially for boxes intended for carriers of information in the form of CDs (compact discs).

**[0005]** According to the invention, the essence of the solution is a shape in the form of, especially, a regular polyhedron or a solid of revolution, made from thermoplastic plastic material, with a frame making a uniform whole with the shape; the frame has at least two edges with a fissure for placing carriers of information or advertisement. According to the invention, the shape has at least two opposite edges with a fissure for sliding in carriers of information or advertisement.

**[0006]** According to the invention, the shape may be a closing of a container in a form of a lid, cover, screw top, or the side of the packaging.

**[0007]** The shape may make any part of the packaging surface, and possess a full or partial rear wall.

**[0008]** The rear wall of the shape may be flat or shaped according to needs.

**[0009]** The solution according to the invention has a frame for free placing of a graphic element; the frame makes a monolithic external surface of the packaging and is situated on an external front, rear, side or spine surface of the packaging, with straight or rounded rims of the edge; the frame may be maximally on the whole or a part of the external surface of the packaging. In the frame, graphic elements made from paper or plastic material may be freely placed.

**[0010]** According to the invention, the shape of a box with a frame may be a closing of a container in a form of a lid, cover, screw top, or the side of the packaging; it may be any fragment of the surface of the packaging; it may have any shape, a rectangle, a polygon, a ring, or an oval, with a spatial drawing, or it may be placed on any surface of the packaging.

**[0011]** The solution according to the invention is in the form of a shape, which may be, e.g., a characteristic packaging intended for carriers of information in the form of CDs, DVDs, BLU-RAYS, with a frame, making a uni-

form whole, on a head external surface, into which a plate with lenticular lens, bearing an image and information about the product, or a label from paper or plastic material, is slid.

**[0012]** In the solution according to the invention the frame may have a full or partial rear wall, which is flat or has a formed catch for carriers of information in the form of records, and formed catches for inserts in the form of booklets or advertising materials.

**[0013]** Due to the construction of the packaging the frame may be made on the front, rear, or even spine part of the packaging. The frame may fill up the whole front part of the packaging, or it may be placed on a fragment of the front part of the packaging. The side edges of the frame may be closed, while at least two fissures allow for stable placing of a graphic element. It is also possible to slide in a graphic element through an open edge in the form of a fissure. The fissure at the edge of the frame may be placed at the top, the underside or the side of the packaging. The edges of the frame may be straight or rounded. The side edges of the frame may be formed from two opposite sides, so that after straightening the slightly bent graphic material is well fixed in the fissure under the edges of the frame.

**[0014]** The solution according to the invention may have the form of the shape intended for any purpose.

**[0015]** Made from plastic materials, shapes according to the invention are manufactured by means of injection moulding in injection moulds of shapes in the form of a box or its element, with a frame on the adequate side, intended for placing various materials. According to the invention, other shapes may be manufactured in the same way.

**[0016]** The shape with a frame manufactured according to the invention may be made from transparent or opaque thermoplastic plastic material.

**[0017]** The solution according to the invention has been presented in examples of embodiment and on the enclosed illustration material Fig. 1 to Fig. 16, without limiting their application.

Fig. 1 schematically presents a packaging of a CD with a frame on the front side.

Fig. 2 schematically presents a packaging of a Blu-Ray disc with a frame on the front side and catches for placing, e.g., booklets.

Fig. 3 schematically presents a packaging of a DVD with a frame on the front side and catches.

Fig. 4 schematically presents a packaging of a DVD with a frame on the front side with a rounded corner.

Fig. 5 presents a schematic cross section of a packaging of information carriers in the form of CDs with a frame on the front side.

Fig. 6 presents a schematic cross section of a packaging of information carriers in the form of CDs with a frame on the front and rear sides.

Fig. 7 presents a schematic cross section of a packaging of information carriers in the form of CDs with

a frame on the front, rear and spine side.

Fig. 8 presents a schematic spatial cross section of a packaging of information carriers in the form of CDs with a frame on the front side with two edges.

Fig. 9 presents an example of placing a fissure for sliding in graphic materials from the underside.

Fig. 10 presents a longitudinal section of a shape of a box for carriers of information in the form of CDs with a visible fissure and an edge and a rear wall of the frame from the front side.

Fig. 11 presents a cross section of a shape of a box for carriers of information in the form of CDs with a visible fissure and an edge and a rear wall of the frame from the front side.

Fig. 12 presents a section of a box with straight walls with frames for free placing of graphic elements on each side.

Fig. 13 presents a section of a box with convex walls with frames for free placing of graphic elements on each side.

Fig. 14 presents a section of a round box with frames for free placing of graphic elements.

Fig. 15 presents a convex cover of a box with a frame for free placing of a graphic element.

Fig. 16 presents a straight cover of a box with a frame for placing of a graphic element.

## Claims

1. The shape of a box with a frame making a fragment of the packaging, **characterized by** the fact that the shape (4) in the form of especially a regular polyhedron or a solid of revolution, made from thermoplastic plastic material, has a frame (5) making a uniform whole with the shape (4); the frame (5) has at least two edges (2) with a fissure (1) for placing carriers of information or advertisement.
2. The shape according to Claim 1 **characterized by** the fact that the frame (5) has at least two opposite edges (2) with a fissure (1) for sliding in a carrier of information or advertisement.
3. The shape according to Claim 1 **characterized by** the fact that it is a closing of a container in the form of a lid, cover, screw top, or the side of the packaging.
4. The shape according to Claims 1 and 3 **characterized by** the fact that it makes an arbitrary fragment of the surface of the packaging.
5. The shape according to Claim 1 **characterized by** the fact that it has a full or partial rear wall (3).
6. The shape according to Claim 1 **characterized by** the fact that it has a rear wall (3) which is flat or shaped according to needs

## Amended claims in accordance with Rule 137(2) EPC.

1. The moulder of a box with a frame making a fragment of the packaging, **characterized by** the fact that the moulder (4) in the form of especially a regular polyhedron or a solid of revolution, made from thermoplastic plastic material, has a frame (5) making a uniform whole with the moulder (4); the frame (5) has at least two edges (2) with a fissure (1) for placing carriers of information or advertisement.
2. The moulder according to Claim 1 **characterized by** the fact that the frame (5) has at least two opposite edges (2) with a fissure (1) for sliding in a carrier of information or advertisement.
3. The moulder according to Claim 1 **characterized by** the fact that it is a closing of a container in the form of a lid, cover, screw top, or the side of the packaging.
4. The moulder according to Claims 1 and 3 **characterized by** the fact that it makes an arbitrary fragment of the surface of the packaging.
5. The moulder according to Claim 1 **characterized by** the fact that it has a full or partial rear wall (3).
6. The moulder according to Claim 1 **characterized by** the fact that it has a rear wall (3) which is flat or shaped according to needs

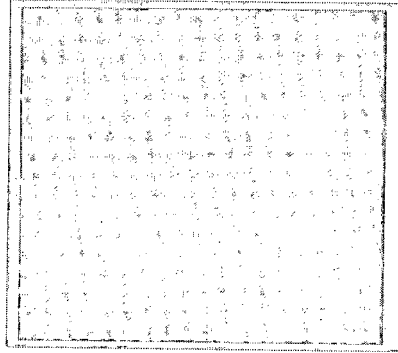


Fig. 1

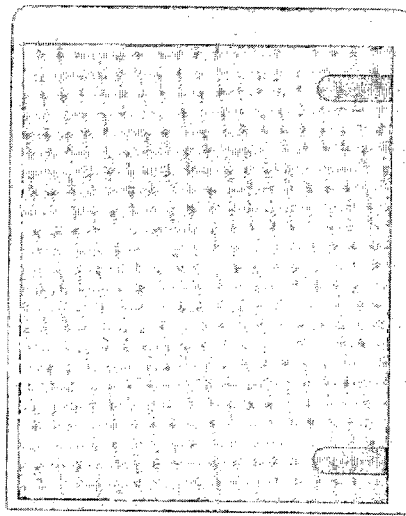


Fig. 2

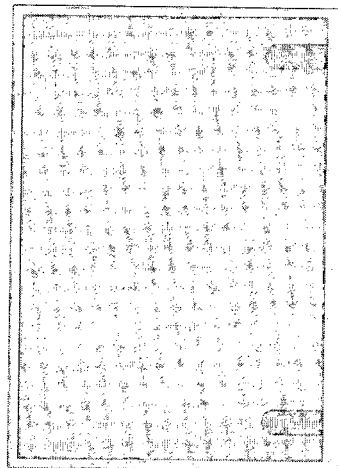
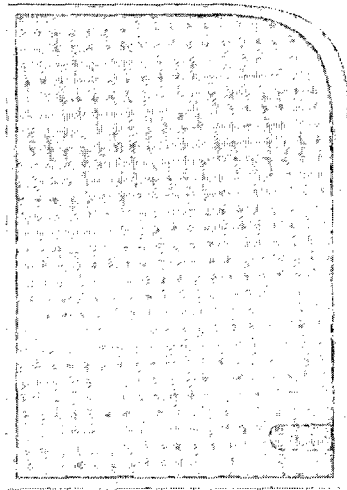
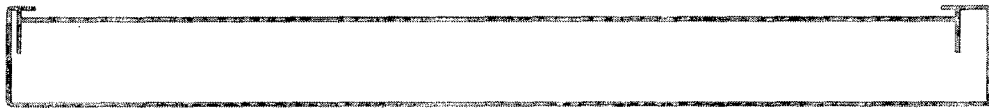


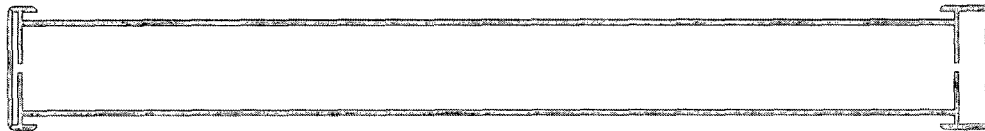
Fig. 3



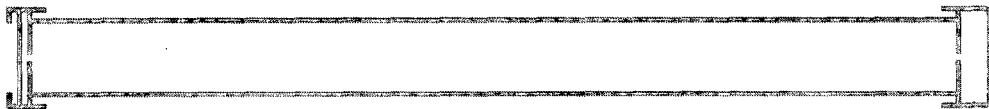
**Fig 4**



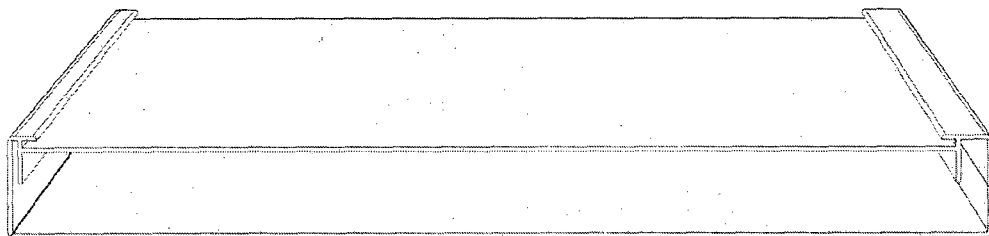
**Fig.5**



**Fig.6**



**Fig. 7**



**Fig.8**

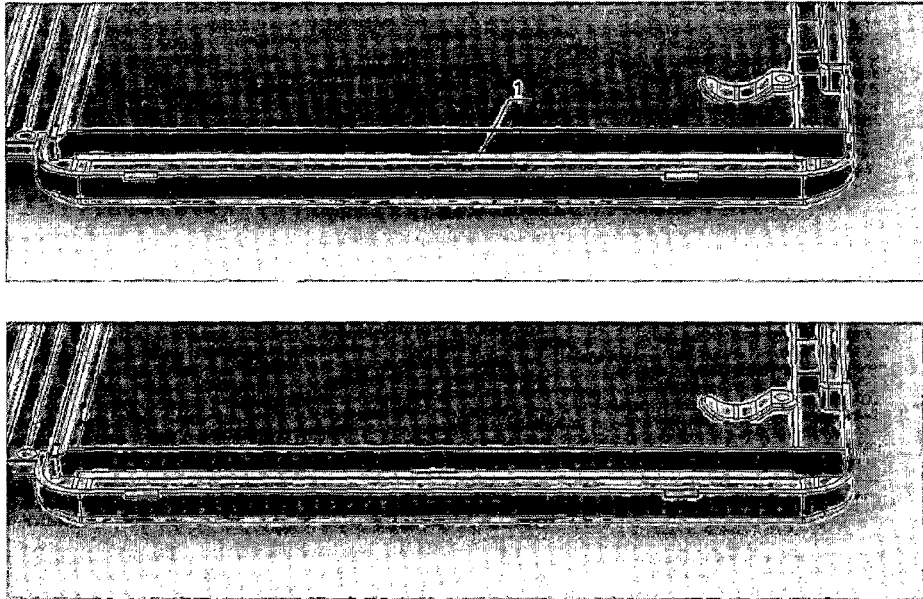


Fig.9

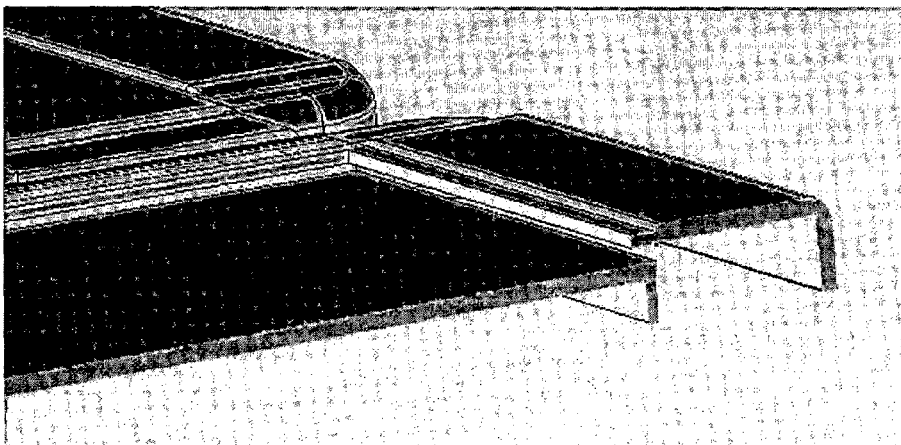
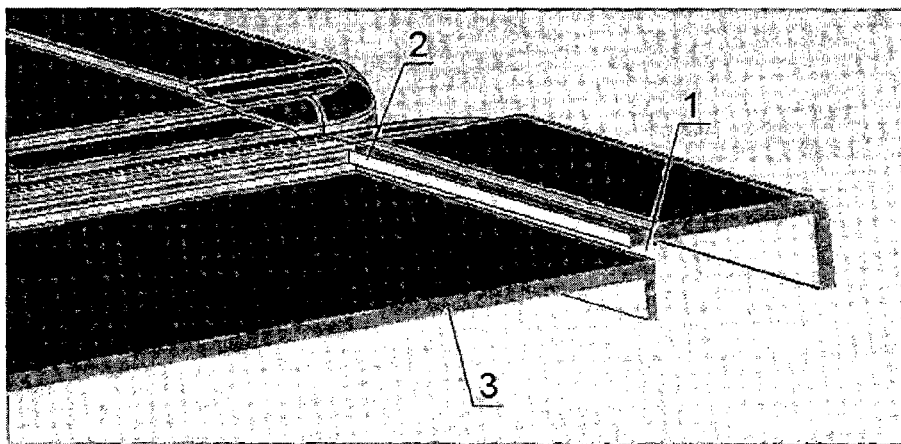


Fig.10

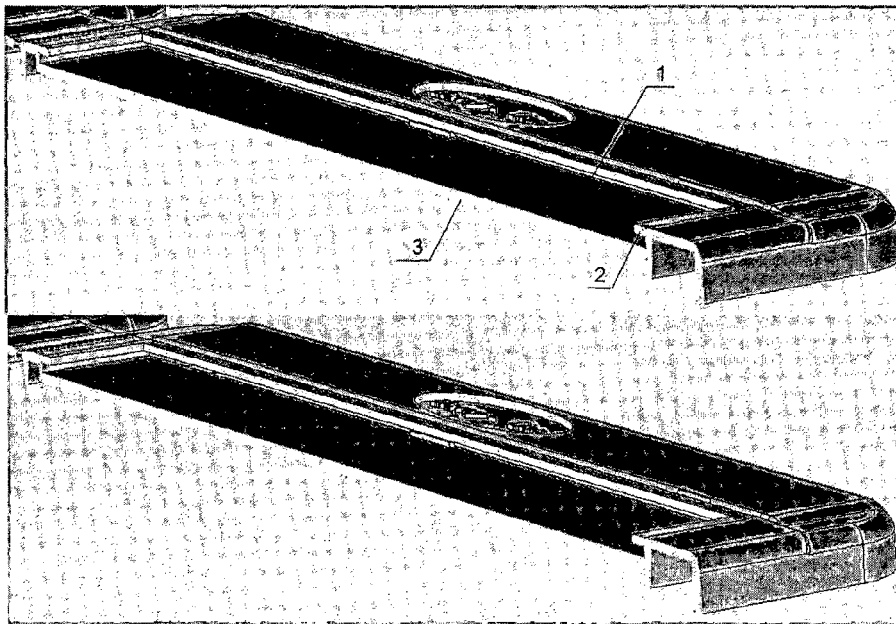


Fig.11

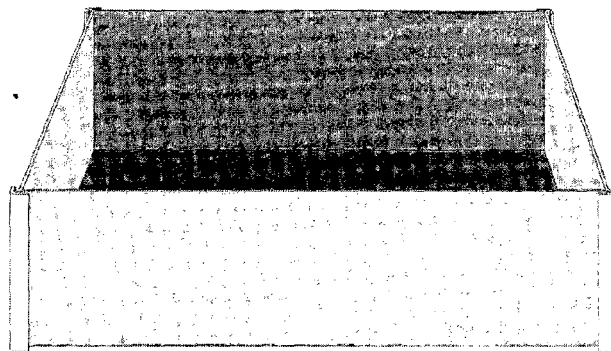


Fig. 12

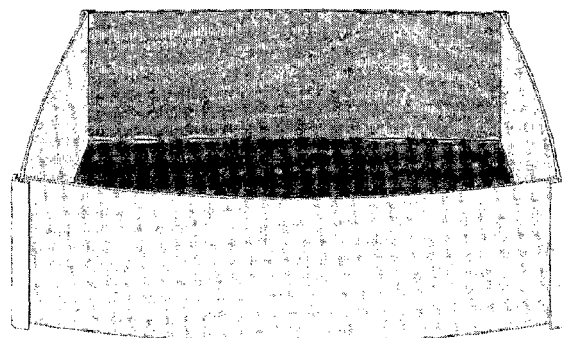


Fig. 13

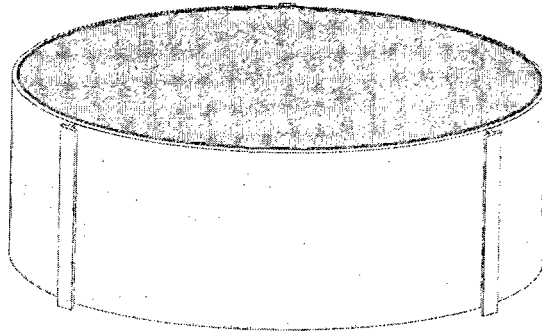


Fig.14

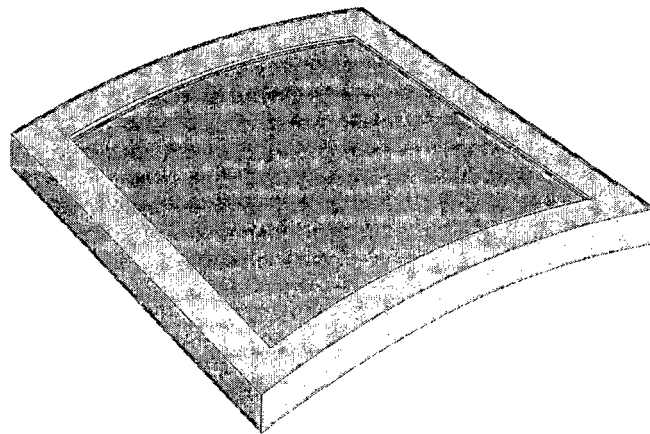


Fig. 15

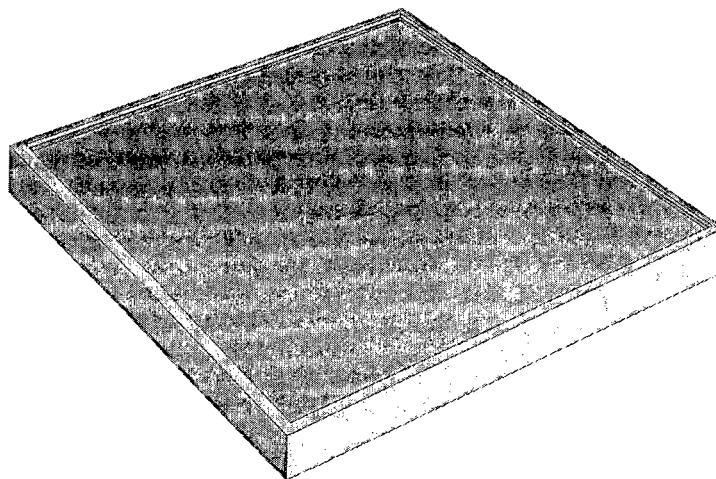


Fig.16





## EUROPEAN SEARCH REPORT

Application Number  
EP 12 46 0030

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 16 October 2012	Examiner Ngo Si Xuyen, G
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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 12 46 0030

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16-10-2012

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