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(54) **PIECE OF JEWELLERY**

SCHMUCKSTÜCK

ARTICLE DE BIJOUTERIE

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EP 1 738 666 B1

Description

[0001] The invention relates to the field of satisfying human needs of life, in particular, to jewellery pieces and other ornaments for wearing on the body with fixing by piercing.

[0002] A jewellery piece is known containing a decorative element, a piercing pin with removable end head and connection of the piercing pin with the decorative element (JP No.2001299414, A44C 7/00, 2001).

[0003] A disadvantage of the known jewellery piece is limited use only on body portions that are not subject to movement and active deformation, in particular, for decoration of ears. This disadvantage is conditioned by rigid connection of the piercing pin with the decorative element.

[0004] A more perfect and the closest analogue to the claimed jewellery piece is a jewellery piece containing a decorative element, a piercing pin with a removable end head and a hinged joint of the piercing pin with the decorative element having an male link and a female link (GB No.2381183 A44C 15/00, 2003).

[0005] The above jewellery piece, while ensuring freedom of active movement of the corresponding body portion due to moveable joint of the piercing pin with the decorative element, allows it to be fixed to different body portions, for example, to eyebrows or stomach. However, in virtue of design peculiarities of the hinged joint of the piercing pin with the decorative element, its use entails possible damage of the skin the area of piercing as a result of pinching between the surfaces of the male link and the female link.

[0006] The technical result, which can be attained when implementing the invention, consists in enhanced safety of using the jewellery piece.

[0007] The above technical result is achieved by a jewellery piece containing a decorative element, a piercing pin with removable end head and a hinged joint of the piercing pin with the decorative element having a male link and a female link due to the fact that the male link is mounted on the decorative element, while the female link is mounted on the piercing pin, wherein the female link in the section of mating with the piercing pin is made with the external surface of convex shape with a curvilinear outline having the overall dimensions greater than the overall dimensions of the cross-section of the piercing pin.

[0008] As well as due to the fact that the female link is provided with a recess having the overall dimensions less than the overall dimensions of the curvilinear outline of the external surface.

[0009] The essence of the claimed invention is explained by the drawings wherein Fig.1 gives the representation of the general view of the jewellery piece, Fig. 2 gives the A-A section, and Fig.3 and Fig.4 give variants of hinged joint.

[0010] The jewellery piece comprises decorative element 1 connected to piercing pin 2 and to removable end

head 3 (e.g., by a thread). The linkage between the decorative element 1 and the piercing pin 2 is provided in the form of a hinged joint formed by the male link 4 mounted on the decorative element 1 and the female link 5 mounted on the piercing pin 2 associated with the male link 4, for example, with axle 6 or protrusions 7 fixing the ears on the conjugated surfaces. The female link 5 in section mating with the piercing pin 2 is provided with the external surface of convex shape and with a curvilinear outline 8, having the overall dimensions (e.g., "D") greater than the overall dimensions (e.g., "d") of the cross-section of the piercing pin 2, and may be provided with a recess 9 having overall dimensions (e.g., "h" and "b") less than overall dimensions of the curvilinear outline of the external surface (e.g., "H" and "D", respectively).

[0011] Preventing the injury is ensured by position of the skin portion in the piercing area between the removable head 3 and the external surface of the convex shape with the curvilinear outline 6 and by the impossibility of displacement of the above skin portion to the hinged joint area, wherein comfortable conditions of contacting the jewellery piece with the skin are predetermined by the shape and sizes of the female link 5 and mobility required for this, by the sizes of recess 9 that are less than the overall dimensions of the curvilinear outline of the external surface.

Claims

1. A jewellery piece comprising a decorative element (1), a piercing pin (2) with a removable end head (3) and a hinged joint of the piercing pin (2) with the decorative element (1) having a male link (4) and a female link (5), **characterised in that** the male link (4) is mounted on the decorative element (1) and the female link (5) is mounted on the piercing pin (2), wherein the female link section mating with the piercing pin (2) is provided with an external surface of convex shape and with a curvilinear outline (8) having the overall dimensions (D) greater than the overall dimensions (d) of the piercing pin (2).
2. The jewellery piece according to claim 1, **characterised in that** the female link (5) is provided with a recess (9) having the overall dimensions (h,b) less than the overall dimensions (H,D) of the curvilinear outline of the external surface.

Patentansprüche

1. Schmuckartikel, der ein Zierelement (1), eine Piercingspindel (2) mit trennbarem Endstück (3) und Drehgelenk der Piercingspindel (2) mit Zierelement (1) enthält, welches Drehgelenk ein Außen (5) - und ein Innenglied (4) hat und sich dadurch auszeichnet, dass das Innenglied (4) auf dem Zierelement (1) und

das Aussenglied (5) auf der Piercingspindel (2) fixiert sind, dabei ist das Aussenglied in der Kontaktstelle mit der Piercingspindel (2) mit gewölbter Aussenfläche von gebogenem Profil (8) ausgeführt, dessen Abmessung (D) größer ist, als die des Querschnitts (d) von Piercingspindel (2). 5

2. Schmuckartikel nach Anspruch 1, der sich dadurch auszeichnet, dass das Aussenglied (5) mit einem Ausschnitt (9) ausgeführt ist, dessen Abmessungen (h, b) kleiner sind, als die Abmessungen (H, D) des gebogenen Profils der Aussenfläche. 10

Revendications 15

1. Article de joaillerie contenant un élément décoratif (1), une épingle de piercing (2) avec un chapeau fin démontable (3) et un joint de l'épingle de piercing (2) avec l'élément décorative (1) ayant un élément male (4) et un élément femelle (5), **se caractérisant par** ce que l'élément male (4) est fixé sur l'élément décorative (1) et l'élément femelle (5) est fixé sur l'épingle de piercing (2), et avec cela l'élément femelle raccordant avec l'épingle de piercing (2) est fait avec la surface extérieure de forme convexe avec un contour curviligne (8) ayant les dimensions (D) plus importantes que les dimensions (d) de l'équarrissage de l'épingle de piercing (2). 20 25 30
2. Article de joaillerie selon la revendication 1, caractérisant par ce que l'élément femelle (5) est fait avec l'échancrure (9) ayant les dimensions (h, b) moins importantes que les dimensions (H, D) du contour curviligne de la surface extérieure. 35

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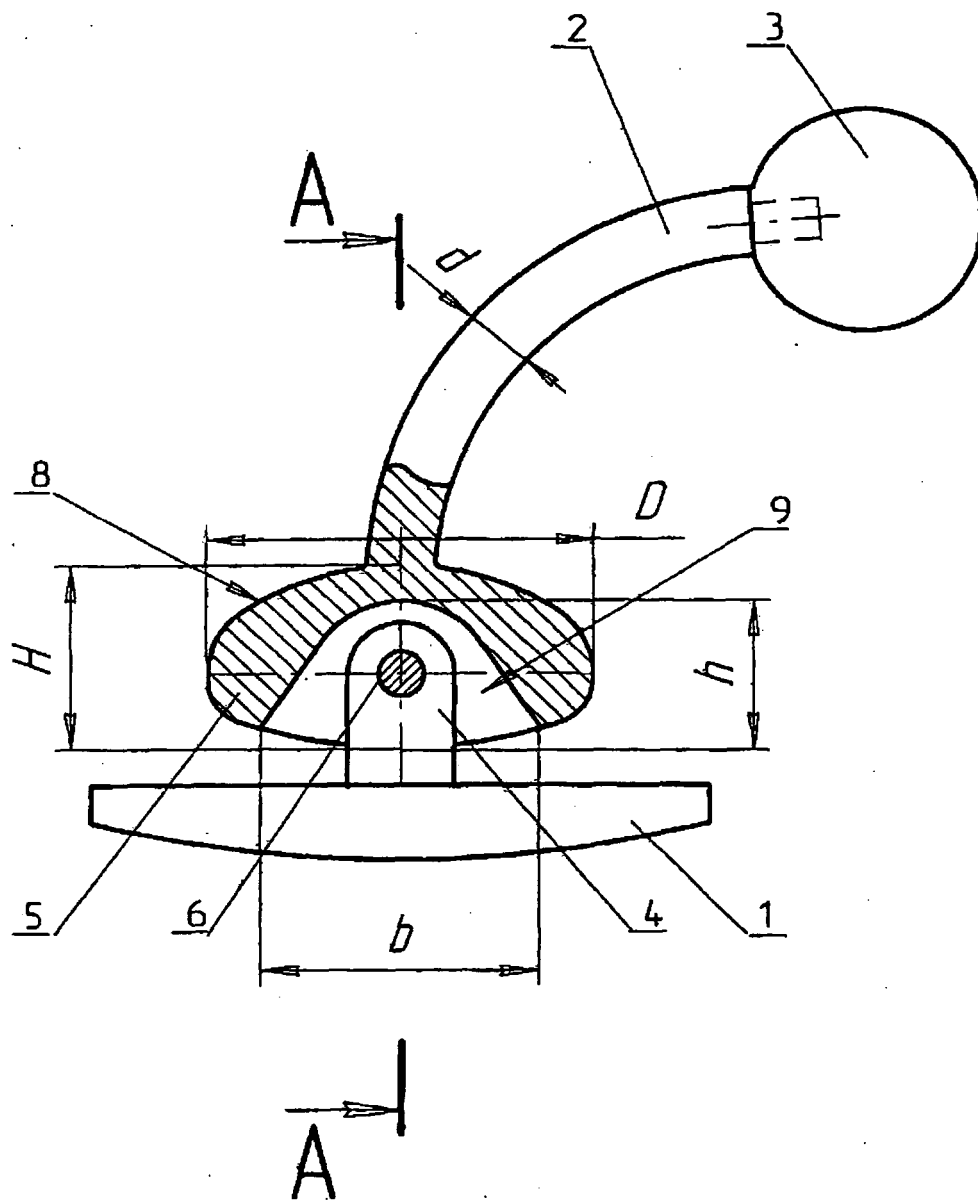


Fig. 1

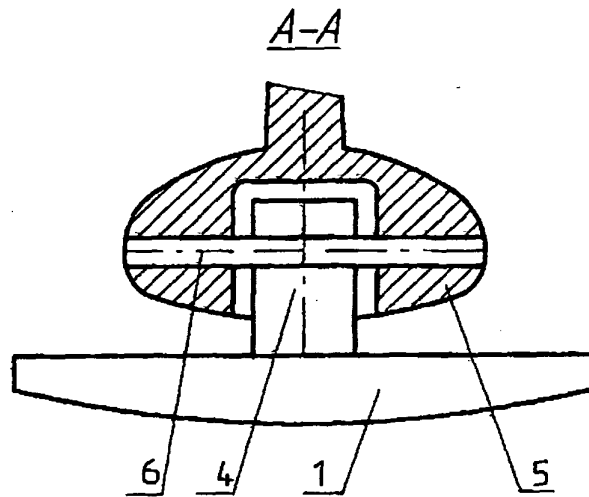


Fig. 2

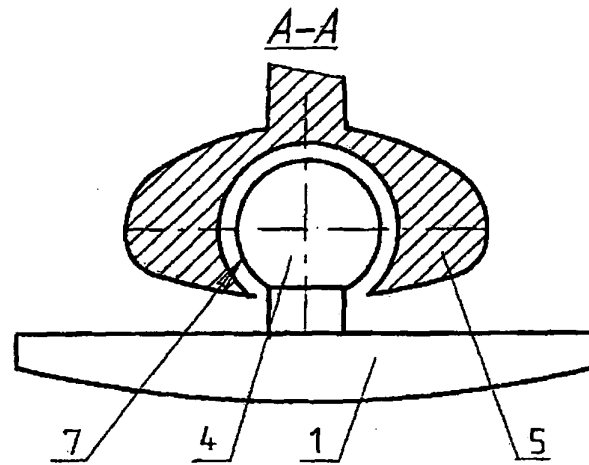


Fig. 3

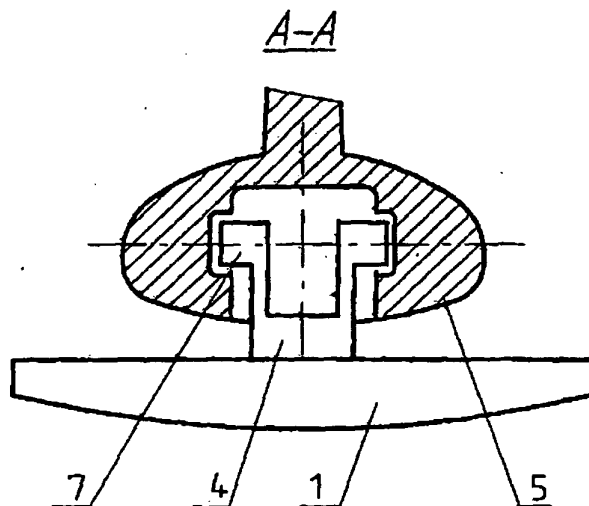


Fig. 4

REFERENCES CITED IN THE DESCRIPTION

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