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(54) **ERGONOMIC BRIDLE FOR EQUINES**

ERGONOMISCHES ZAUMZEUG FÜR PFERDE

BRIDE ERGONOMIQUE DESTINÉE À DES CHEVAUX

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(56) References cited:
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Description

OBJECT OF THE INVENTION

[0001] The object of the present invention is to provide a novel ergonomic bridle for equines which provides improved ergonomy, optimizing the anatomic adaptability, providing physical benefits, relieving the cervical movements, the ears, the facial muscles in general and also increasing the visual range.

[0002] This novel ergonomic bridle for equines has particular application in the equestrian sector, where, due to the circumstances, it is necessary to provide a bridle with said characteristics.

BACKGROUND OF THE INVENTION

[0003] Up to now, there exists one single traditional system for supporting the bits of equines.

[0004] The existing traditional design generates various problems which have been hitherto unresolved: hindering the rear vision of the equines, they exert increased pressure in the cervical, trachea and throat areas.

[0005] Is known the patent WO2008/004938 which describes cheekpieces but in this application the cheekpieces, called crescents, have a completely different design. They are curved like a half moon in order to stay far away from the eyes and give the maximum vision radius. This fundamental characteristic along with its rigidity and the elimination of buckles follow opposite criteria to that of conventional bridles and the one compared here. Never until today there were bridles that incorporate cheekpieces of completely rigid pieces that maintain a curved and permanent shape. This invention is the first to deflect the cheekpieces below the center of the cheek and away from the eyes on each side of the face without flexible movement or displacements in its entirety, accompanying the trajectory of the lower jaw and avoiding leaning on the premolar line or the facial crest

[0006] The Freedom Bridle, as presented at the Equitana Fair in March 2015, is an ergonomic bridle for equines according to the preamble of claim 1.

[0007] In the prior art, no ergonomic bridle for equines is found having the technical characteristics which are described in the present patent for an invention.

DESCRIPTION OF THE INVENTION

[0008] An ergonomic bridle for equines according to the invention is defined in claim 1. Ergonomic bridle for equines, essentially composed of a band, said band being formed in turn by lateral pieces in the shape of crescents which connected by means of any joining element to an upper bridge and a frontal bridge.

[0009] The crescents, which incorporate, at the ends thereof, a belt for the joining to the bit are provided connected to the lateral pieces and by means of any joining element.

[0010] A nasal band which is connected to a throatband, said throatband being formed by two curved belts which in use are joined to each other at the area of the lower maxilla of the equine.

[0011] The present invention provides the following advantages:

The band of the bridle gives movement to the ears of the animal by releasing the sixteen muscles which move them, such that the normal development of one of the most important senses of the equine, which is hearing, is achieved which complements the vision which with this new bridle increases the rear and perimetrical perception.

The curved and rigid pieces, due to the particular form thereof are distanced from the eyes, giving a free movement, avoiding the normal discomforts, allowing it to be located in a more comfortable area for the equine, eliminating the hindering sensation in the near peripheral vision and the pressure of the facial nerves.

[0012] This novel ergonomic bridle for equines is regulatable in different positions.

DESCRIPTION OF THE DRAWINGS

[0013] In order to complement the description and with the aim of aiding a better understanding of the characteristics of the invention, a series of figures accompany the present specification as an integral part of the same, in which the following is represented in an illustrative and non-limiting manner:

Figure 1: exploded view of the elements which form the ergonomic bridle for equines.

Figure 2: lateral perspective view of an exemplary use of the ergonomic bridle for equines.

PREFERRED EMBODIMENT OF THE INVENTION

[0014] As is possible to observe in the attached figures, the ergonomic bridle for equines is composed of a band (1), said band being formed in turn by lateral pieces (2) connected by means of any joining element to the upper bridge (3) and frontal bridge (4).

[0015] The crescents (5), which incorporate, at the ends thereof, a belt (6) for the joining to the bit (7) are provided connected to the lateral pieces (2) and by means of any joining element.

[0016] A nasal band (8) which is connected to a throatband (9), said throatband being formed by two curved belts (10) which are joined to each other at the area of the lower maxilla of the equine.

[0017] With the nature of the present invention as well as a form of putting it into practice having been sufficiently described, it should be added that said invention can undergo variations in form and materials, provided said al-

terations do not vary the characteristics which are claimed below.

les joues et ont une forme incurvée, **caractérisée en ce que** les croissants sont rigides.

Claims

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1. An ergonomic bridle for equines composed of a band (1), said band being formed in turn by lateral pieces (2) connected by means of any joining element to an upper bridge (3) and a frontal bridge (4); pieces (5) in the shape of crescents, which incorporate, at the ends thereof, a belt (6) for the joining to a bit (7) are provided connected to the lateral pieces (2) by means of any joining element; a nasal band (8) which is connected to a throatband (9), said throatband being formed by two curved belts (10) which in use are joined to each other at the area of the lower maxilla of the equine, wherein the crescents are located on the cheeks and have a curved shape, **characterized in that** the crescents are rigid.

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Patentansprüche

1. Ergonomisches Zaumzeug für Pferde, das aus einem Band (1) besteht, wobei das Band wiederum durch seitliche Teile (2) gebildet wird, die mittels eines beliebigen Verbindungselements mit einer oberen Brücke (3) und einer Frontalbrücke (4) verbunden sind; die Teile (5), die an ihren Enden einen Riemen (6) zum Verbinden mit einem Bit (7) enthalten, sind mittels eines beliebigen Verbindungselements mit den seitlichen Teilen (2) verbunden; ein Nasenband (8), das mit einem Halsband (9) verbunden ist, wobei das Halsband durch zwei gekrümmte Gürtel (10) gebildet wird, die im Bereich des unteren Oberkiefers des Pferdes miteinander verbunden sind, wobei sich die Halbmonde befinden befinden sich auf den Wangen und hat eine gekrümmte Form, die **dadurch gekennzeichnet ist, dass** die Halbmonde starr sind.

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Revendications

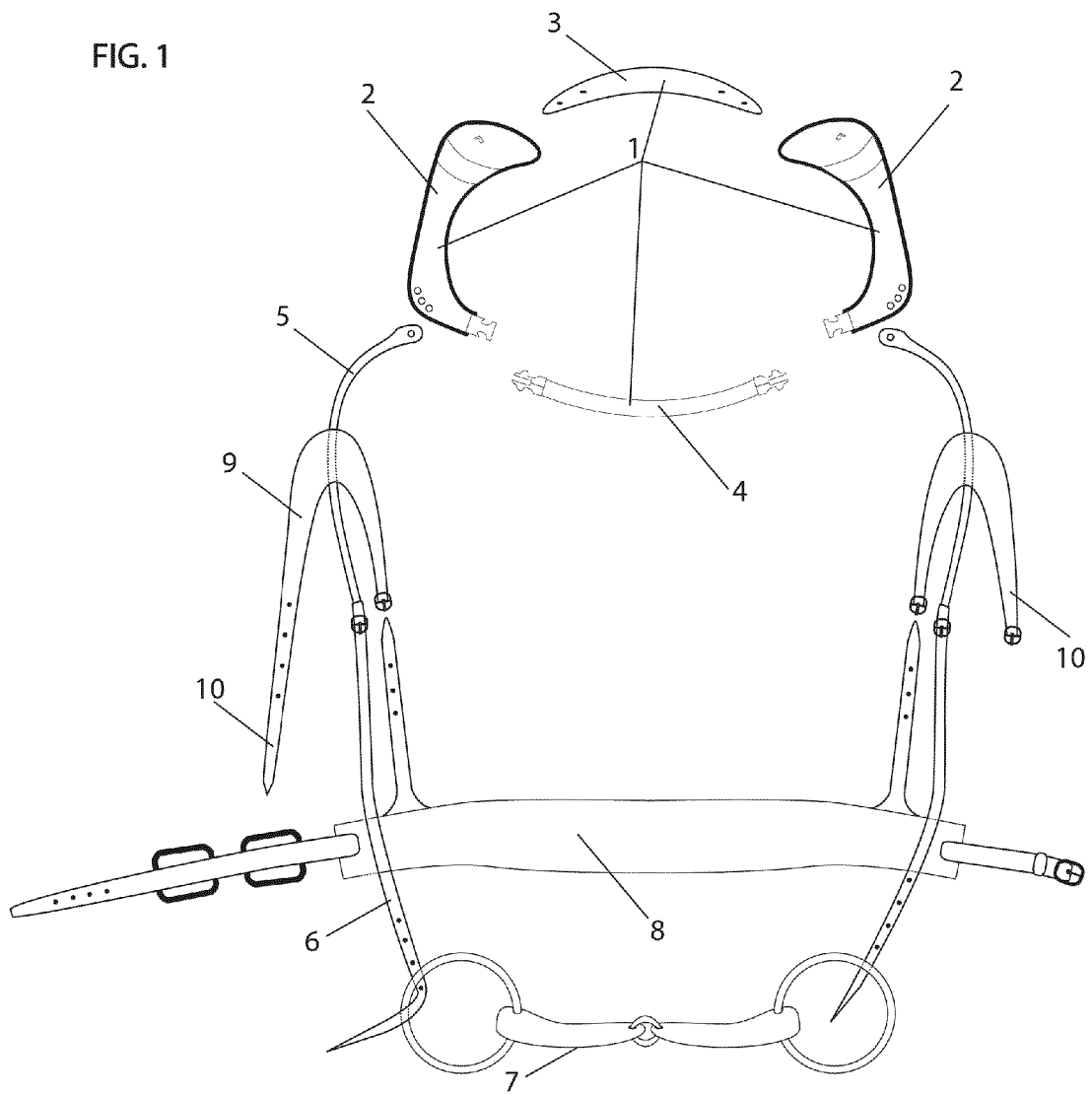
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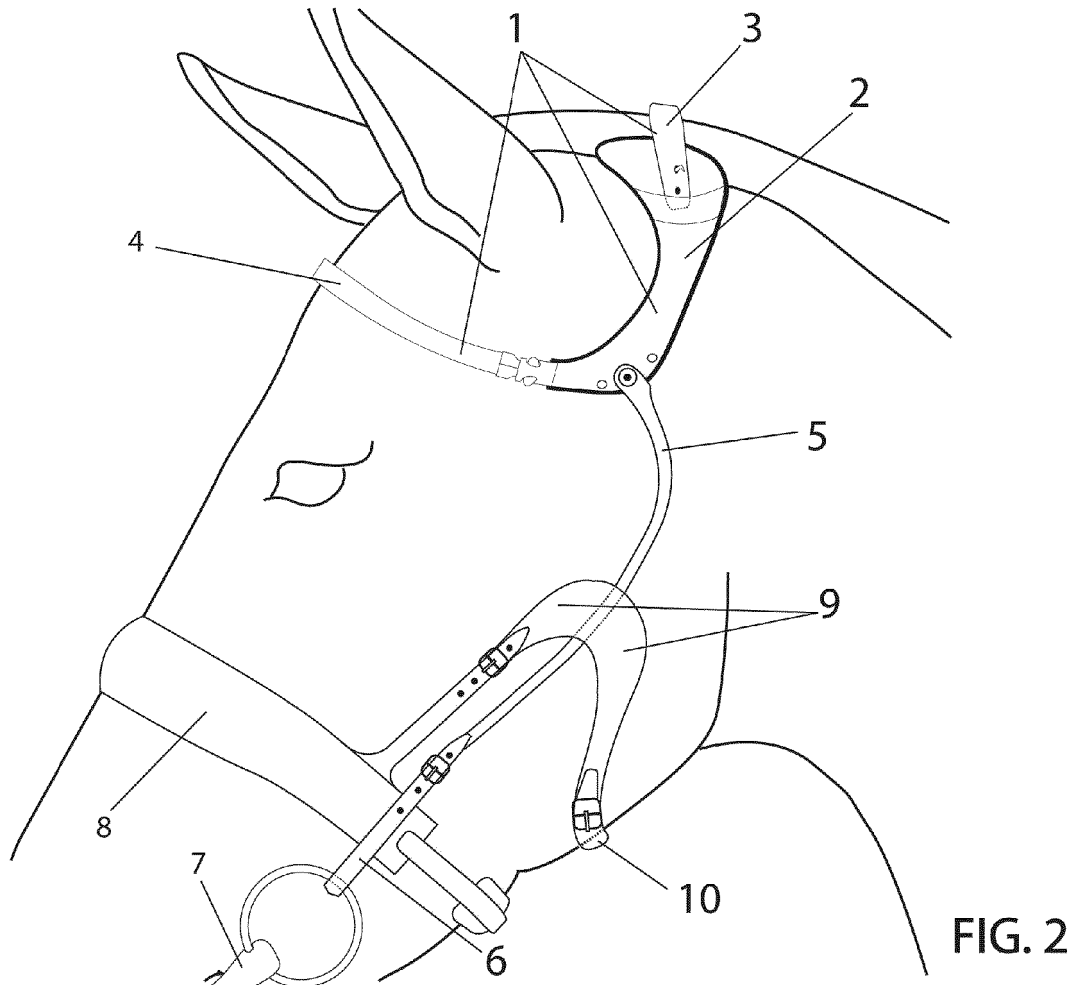
1. Bride ergonomique pour équidés composée d'une bande (1), ladite bande étant formée à son tour par des pièces latérales (2) reliées au moyen de tout élément de jonction à un pont supérieur (3) et un pont frontal (4); les pièces (5), qui incorporent, à leurs extrémités, une courroie (6) de jonction à un trépan (7) sont prévues reliées aux pièces latérales (2) au moyen de tout élément de jonction; une bande nasale (8) qui est connectée à une bande de gorge (9), ladite bande de gorge étant formée par deux ceintures courbes (10) qui, en utilisation, sont jointes l'une à l'autre au niveau du maxillaire inférieur de l'équidé, dans lequel les croissants sont situées sur

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FIG. 1





REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

- WO 2008004938 A [0005]