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(54) **Box with magnets for razor blade recondition**

Gehäuse mit Magneten zur Wiederinstandsetzung von Rasierklingen

Boite avec des aimants à reconditionner des lames de rasoir

(84) Designated Contracting States:
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Description

[0001] The technological innovation in question consists in a plastic material hard box with a small artificial magnetic field built in, which extends shaving as well as hair removal razor blades functionality.

[0002] Granted inventions patents showing alike features (US2792108; WO 94/09670), which claim their safety razor blades cutting potential preservation, already The document US-A-1 790 311 discloses a device according to the preamble of claim 1. exist.

[0003] However, this invention is an innovatory one both for creating a different magnetic field and for its shape as well as its operative requirements.

[0004] As a matter of fact, its magnetic field other than previous inventions, is of a random kind, not balanced: this entails a continuous electrons exchange between the blade being treated and the magnets, by eventually turning the blade itself into a magnet.

[0005] The shape consists in two parts, respectively a square base, magnetized by setting 4 small artificial magnets with a central support bearing razors in vertical position and a vertically set hollow parallelepipedon shaped cover, closed on its upper side and open in its lower side this one as well magnetized by setting n.11 small artificial magnets inside.

[0006] Once the blade is fixed on its support and the box closed, an airtight space turns up, other than the previous inventions, where the amount of oxygen is kept constant and outside air impact is nil. Such conditions imply a higher effectiveness of the magnetizing treatment.

[0007] Therefore, submitting the above-mentioned razor to the magnetic field impact extends its cutting effectiveness, which, in absence of treatment, consists in n.2 or 3, max 4 shaves while, the razor being set inside the box every time after using it, it can be used ten times and over, which means more effectively if compared with previous patents.

[0008] Actually, the good sharpening outcome is affected by oxidizing the metal the blade is made of; oxidation occurs when a metal gets in contact with air; oxygen bonds with metal atoms withdrawing electrons from it.

[0009] Magnetic flux developing inside the invention magnetizes the blade by microscopically lining up the spins on the same and turning it into magnetic in its turn; such bombardment of electrons slows down the electrons conveyance chemical process from metal to surrounding air remarkably preventing oxidation, as oxygen inside the box finds a surplus of electrons.

[0010] The first drawing (Fig.1) herewith attached shows the manufacture structure, drawn in exploded view and magnets arrangement as well as blades support.

[0011] The second drawing (Fig.2) shows what the open box ready for razor arrangement looks like; up to the light magnets creating the magnetic field.

[0012] The third drawing herewith attached (Fig.3) shows the closed box with razor set-in and magnets position on the walls; such position allows the higher balance of magnetic flux on the razor.

Claims

1. A device for containing a razors comprising:

- a box, wherein said box contains in use a razor;
- means for creating a magnetic field within said box;

characterised in that

said box defines an airtight space in which said razor is contained.

2. Device, according to claim 1, wherein the box comprises a base and a removable cover hermetically engaging with said base, so that the airtight space is defined between said base and said cover.

3. Device, according to claim 1 or 2, wherein the means for creating a magnetic field within said box comprise 15 magnets arranged within said box.

4. Device, according to claim 3, wherein 11 magnets are attached to said cover and 4 magnets are attached to said base.

5. Device, according to claims 2 wherein said base has a central support for bearing the razor in an upright position.

Patentansprüche

1. Eine Vorrichtung zur Aufnahme eines Nassrasierapparats, bestehend aus:

- einer Box, die den in Gebrauch befindlichen Rasierapparat enthält;
- Einrichtungen für die Erzeugung eines Magnetfelds in dieser Box; mit der Eigenschaft, dass die besagte Box einen luftdichten Raum umschließt, in dem sich der Rasierapparat befindet.

2. Vorrichtung gemäß Anspruch 1, in der die Box aus einem Boden und einem abnehmbaren Deckel besteht, der mit dem Boden hermetisch abschließt, so daß der luftdichte Raum sich zwischen dem Boden und dem Dekkel befindet.

3. Vorrichtung gemäß Anspruch 1 oder 2, in der sich die Einrichtungen für die Erzeugung eines Magnetfelds in der genannten Box befinden, bestehend aus

15 Magneten, die in der Box angeordnet sind.

4. Vorrichtung gemäß Anspruch 3, bei der 11 Magneten an dem genannten Deckel und 4 Magneten an dem genannten Boden angebracht sind. 5
5. Vorrichtung gemäß Anspruch 2, bei der der genannte Boden eine zentrale Halterung besitzt, die den Rasierapparat in aufrechter Position hält. 10

Revendications

1. Un dispositif pour contenir un rasoir, qui comprend: 15
- une boîte, contenant un rasoir prêt à l'usage;
 - les moyens nécessaires pour créer un champ magnétique à l'intérieur de la boîte susmentionnée;
- 20
- caractérisé par le fait que**
- la susdite boîte détermine un espace étanche à l'air dans lequel le rasoir est contenu.
2. Un dispositif, selon la revendication 1, où la boîte comprend une base et un couvercle amovible qui s'engage hermétiquement sur la base, de façon à ce que l'espace étanche à l'air soit délimité par la base et le couvercle susmentionnés. 25
- 30
3. Un dispositif, selon la revendication 1 ou 2, où les moyens pour créer un champ magnétique à l'intérieur de la susdite boîte comprennent 15 aimants mis en ordre dans la boîte. 35
4. Un dispositif, selon la revendication 3, où 11 aimants sont fixés au couvercle et 4 aimants sont fixés à la base de la boîte susmentionnée.
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5. Un dispositif, selon la revendication 2, où la base susmentionnée a un support central qui permet de maintenir le rasoir en position verticale. 45
- 50
- 55

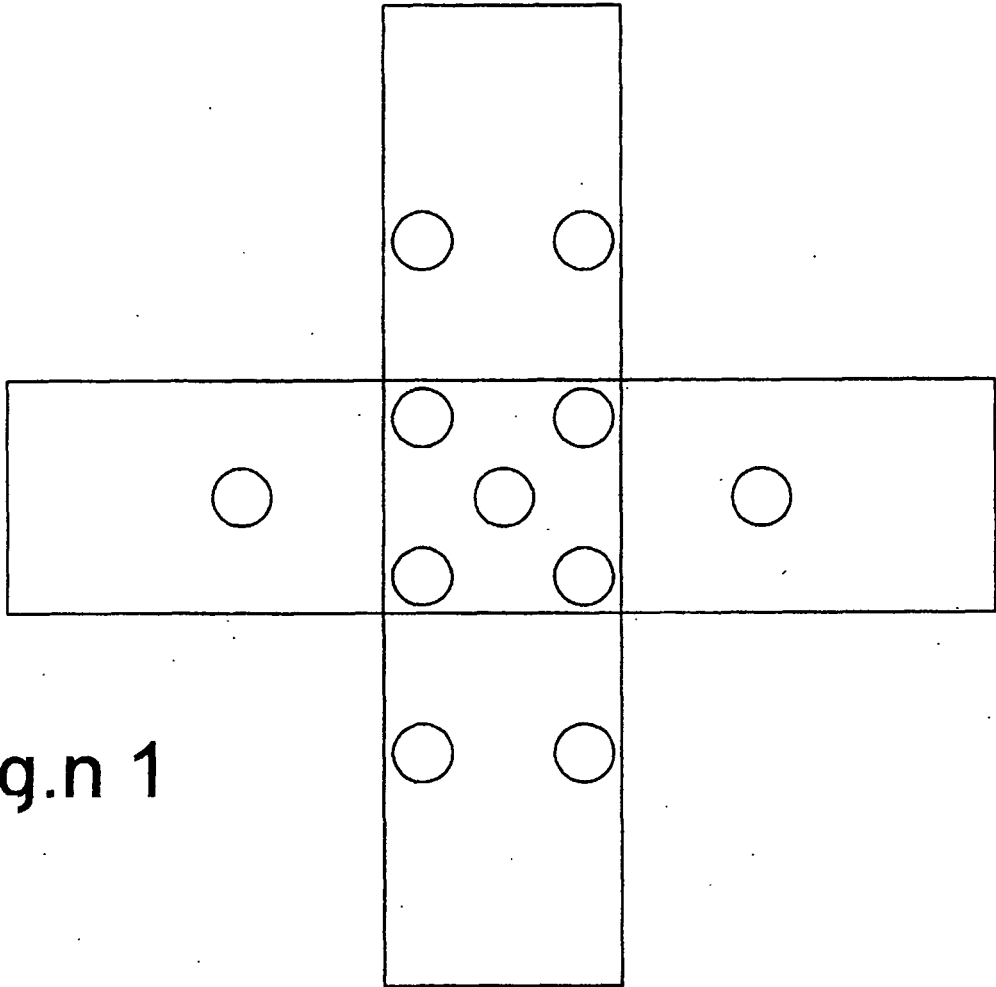
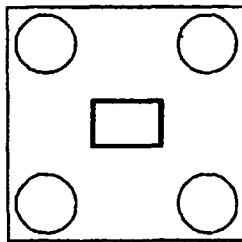


Fig.n 1



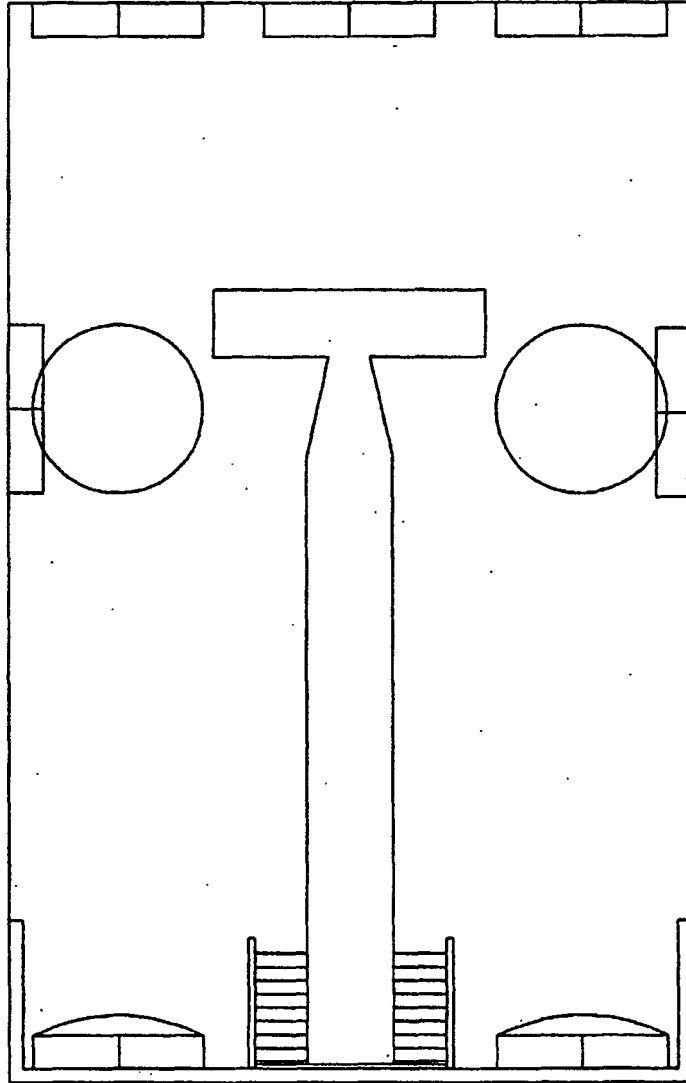


Fig.n 2

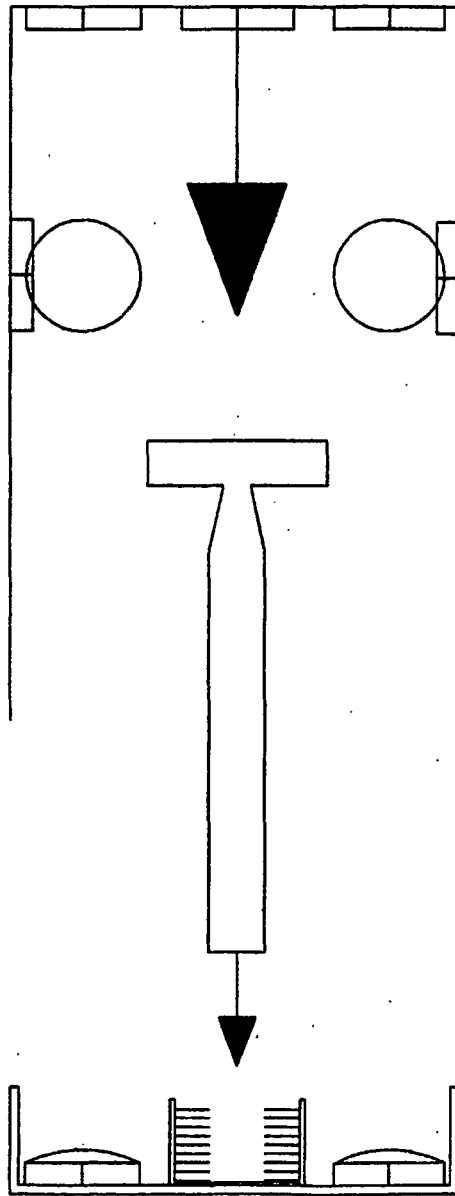


Fig.n 3