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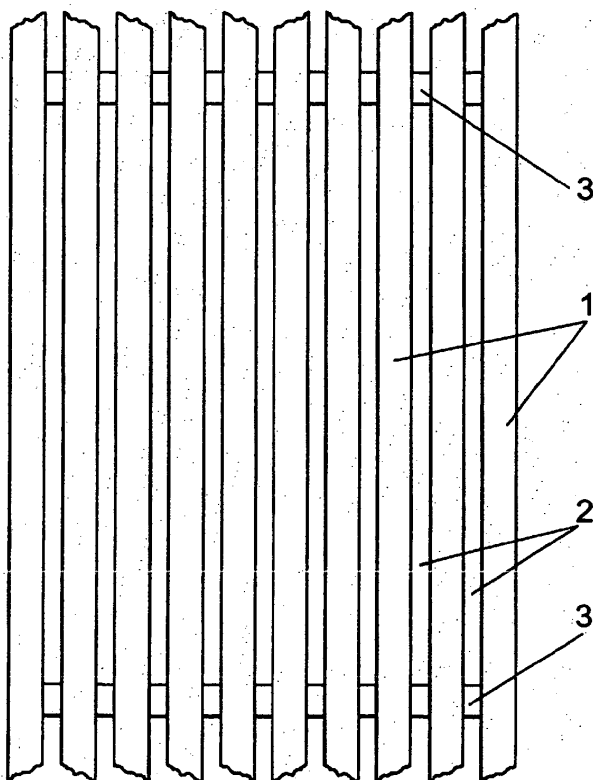
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(54) **Wire mesh for architecture and interior design**

(57) A wire mesh for architecture or interior design, constituted of a series of rods (1) parallelly arranged at very small spacings (2) allowing the passage of air and

seeing through it, but not the passage of sun rays, said rods (1) being connected by other rods (3) perpendicular to them arranged with considerably larger spacings.

FIG. 1



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Description

[0001] The object of the present invention is a wire mesh for architecture and interior design, the following being its most specific uses: as a shutter, as lattice, for forming suspended ceilings, etc.

[0002] Shutters are known which are formed by means of a series of plates, formed by a flat element generally provided with a longitudinal crease, solidly connected to elements orthogonally running across said plates. This type of shutters have two fundamental drawbacks: first, they have a laborious, difficult to automate manufacturing, and secondly, they are far from being able to be considered decorative elements.

[0003] Lattices are also known constituted of flat elements crossing with other equal elements, fitting together as a result of transversal grooves covering half of their width which allow fitting those running in one direction with those running perpendicular to the former. As occurs in the case of shutters, this type of lattices are laborious to manufacture, and they are not decorative either.

[0004] The object of the present invention is to provide an easy-to-manufacture wire mesh of the type previously mentioned, and which is highly decorative.

[0005] The invention achieves its objectives by means of a preferably electrowelded wire mesh which is constituted of a series of rods parallelly arranged, spaced from one another by very small spacings, such that they allow air to pass through them and seeing through them, but not the passage of sun rays, said rods being connected by other rods arranged perpendicularly to them, but with considerable spacings.

[0006] Circular-section, stainless steel rods will preferably be used for manufacturing the mesh. The section of the rod can logically vary according to the effect to be achieved.

[0007] Besides being easy to manufacture, since to a large extent it allows process automation, this mesh has a fundamental advantage with regard to aesthetics, since once assembled, it looks like a screen. A variable degree of concealment is achieved by playing with the inclination or with the suitable curves in a direction more or less slanted towards the light.

[0008] As previously indicated, the mesh can have different uses, among which the following can be mentioned:

Outside facing for solar protection and break-wind.
Suspended ceiling.

Decorative element for interior design, such as concealment of pillars.

Separating partitions between different environments.

Various other uses, such as for the background of shop windows.

[0009] To better understand the present invention, a

detailed description of an embodiment example is made below with reference to the attached drawings, in which:

Figure 1 shows a plan view of a portion of mesh according to the invention.

Figure 2 shows an elevational view of the portion of mesh shown in figure 1.

Figure 3 shows a profile view of the portion of mesh shown in figures 1 and 2.

[0010] With reference to the drawings, it can be seen that the mesh is constituted of a series of rods 1 parallelly arranged at regular spaces, the spacing 2 between the rods 1 being small enough so as to prevent the passage of sun rays, while allowing seeing as well as the passage of air through it.

[0011] Said rods 1 are solidly connected to rods 3 perpendicular to the former rods, but considerably spaced from one another.

[0012] Circular-section, stainless steel rods will preferably be used, the solid fixing to one another being carried out by electrowelding.

[0013] Different rod diameters, as well as different spacings between them, mainly depending on the use they are going to have, can be used in manufacturing the mesh.

Claims

1. A wire mesh for architecture or interior design, of the type constituted of a series of rods (1) parallelly arranged and solidly connected to other rods (3) perpendicular to the former rods, **characterized in that** the rods constituting the series have a circular section and are spaced from each other by very small spacings (2), such that they allow seeing and the passage of air through them, but not the passage of sun rays, to a greater or lesser extent, according to the angle they are at.
2. A mesh according to claim 1, **characterized in that** the rods (1 and 3) are of stainless steel, painted steel or steel coated with another metal.

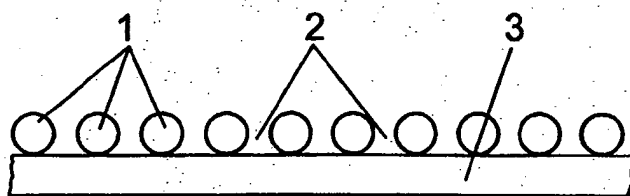


FIG. 2

FIG. 1

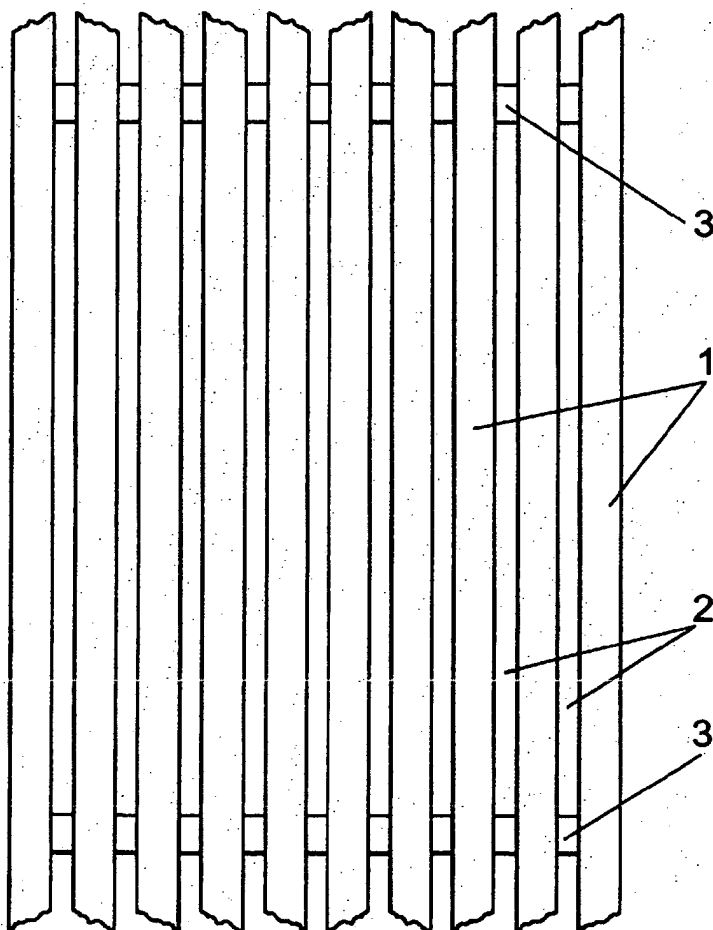


FIG. 3

