Device for illuminating the drawers in cabinets for the display of articles
Beleuchtungsvorrichtung für Schubladen in Schränken zur Zurschaustellung von Gegenständen
Dispositif d'éclairage de tiroirs d'armoires pour présenter des articles

Designated Contracting States:
BE DE ES FR GB IE NL

Priority: 25.10.1994 BE 9400959

Date of publication of application:
01.05.1996 Bulletin 1996/18

Proprietor:
ROTHMANS SERVICES B.V.
1083 HK Amsterdam (NL)

Inventor: Coster, K.
NL-2121 AA Bennebroek (NL)

Representative:
Hoorweg, Petrus Nicolaas
Bureau Otellohe J.R. B.V.V.A.,
Louiiza-Marijale 8
2018 Antwerpen (BE)

References cited:
AT-B- 339 537

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).
Description

The invention is for a device for attractively lighting transparent drawers which are installed one above the other in display cabinets and where the articles of any sort whatsoever displayed in the open upper side of the drawers are visible from the front of the cabinet.

Cabinets with transparent drawers provided with transparent lengthways dividing walls and in which the articles are displayed are known.

Also is known from the DE-U-88 05 602.3 a device for illuminating the front and the inside of a cabinet for the display of articles, wherein the front of transversely strips or of the drawers in the cabinet are transparent and provided on the inside with a translucent publicity or information panel, where the butt end of the lengthways dividing walls in the cabinet or the drawers are positioned at a distance from aforesaid front wall of the strips or drawers and a light source is provided between the front wall of the strips or drawers and the butt end of the dividing walls, for the illumination of aforesaid transparent front wall.

In order to obtain a brightly and unexpected illumination effect of the whole front and the inside of a cabinet in an attractive and surprising way, a device is realized according to the invention, in which the drawers are mounted inclined at a distance one above the other in the cabinet and the lengthways dividing walls are made of transparent material, so that the light rays of the bright source are transmitted lengthways through the transparent dividing walls and the upper lengthways edge of the transparent dividing walls.

By way of example and without in anyway being exhaustive a more detailed description is given below of a preferred embodiment of the device in accordance with the invention. This description refers to the attached drawing in which:

fig. 1 shows a perspective view of an illuminated drawer;

fig. 2 shows a longitudinal section of same.

In these figures it will be seen that several drawers 1 of a transparent material inclined forwards and downwards are located next to one another and at a distance one above the other in a display cabinet. The transparent front wall 3 of each drawer runs parallel with the front surface of the display cabinet 2 and is provided on the inside with a translucent panel for publicity or information 4. Each drawer 1 is provided with one or more lengthways dividing walls 5 made of transparent material the butt end 6 of which runs so that it rests against the upper edge of the front panel 3 of the drawer 1 thus creating a triangular space 7 in which a light source 8, such as a strip lamp, is located. Between the butt end of each dividing wall 5 and the front wall 3 of each drawer a transparent shade 9 is by preference arranged transversely in the drawer, so that the triangular space 7 is protected against dust and other waste.

The rays of light from the light source 8 are transmitted through the transparent front panel 3 causing aforesaid front panel with the transparent publicity or information panel to be efficiently illuminated. At the same time the light rays are transmitted through lengthways transparent dividing walls 5 so that not only the upper edge 10 of same attractively and brightly lit but the articles contained in the drawers 1 are well illuminated. The display cabinet 2 with the drawers 1 fitted in it is in this way given a highly attractive appearance.

It goes without saying that the dimensions and the transparent material from which the drawers and the dividing walls are made, may differ and that also the number of lengthways dividing walls fitted in each drawer may also vary. Similarly the light source may be of any kind whatsoever.

Claims

1. Device for illuminating the drawers (1) of a cabinet (2) for the display of articles, wherein the front wall (3) of the drawers is transparent and provided on the inside with a translucent publicity or information panel (4), the butt end of each dividing wall (5) is positioned at a distance from aforesaid front wall of the drawers and a light source (8) is provided for the illumination of aforesaid transparent front wall, characterized by the fact that the drawers (1) are mounted inclined at a distance one above the other in the cabinet (2) and that the lengthways dividing walls (5) are made of transparent material, so that the light rays of the light source (8) are transmitted lengthways through the transparent dividing walls (5) and the upper lengthways edge (10) of the transparent dividing walls (5) and the whole front of the cabinet are brightly lighted.

2. Device in accordance with claim 1, characterized by the fact that the transparent front panel (3) of each inclined drawer (1) runs parallel with the front surface of the cabinet (2) in which the drawers are located and that the butt end (6) of each lengthways dividing wall (5) rests against the upper edge of the front wall (3) of the drawers (1) and is covered by a transparent and transversely located screen (9) thus creating a triangular space (7) in the drawer (1) in which the light source (8) is provided.

Patentansprüche

1. Einrichtung zur Beleuchtung der Schubfächer (1) eines Möbels (2) für die Auslage von Artikeln, bei der die Vorderwand (3) der Schubfächer durchsichtig ist und innen mit einer durchscheinenden Werbe- oder Infotafel (4) versehen ist, das Endstück jeder Trennwand (5) sich in einem Abstand zu oben genannter Vorderwand der Schubfächer
2. Dispositif selon la revendication 1 ci-dessus,
caractérisé par le fait que le panneau frontal transparent (3) de chacun des tiroirs inclinés (1) s’étend parallèlement à la paroi frontale du meuble (2) dans lequel les tiroirs sont logés et par le fait que l’extrémité de jointage (6) de chacun des cloisons de séparation longitudinaux (5) repose contre le bord supérieur de la paroi frontale (3) des tiroirs (1) et est recouvert par un écran transparent (9) placé transversalement, ce qui a pour effet de créer un espace triangulaire (7) à l’intérieur du tiroir (1) dans lequel se loge la source de lumière (8).