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GUIDE FOR THE WINDOWS OF AUTOMOBILES AND LIKE VEHICLES

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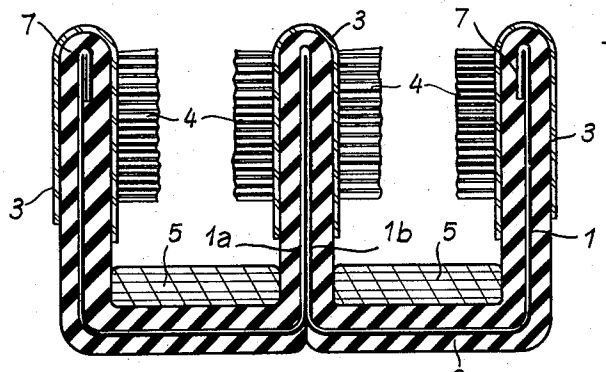


Fig.1

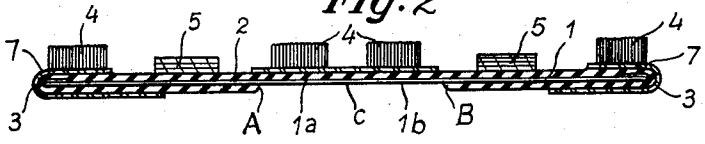
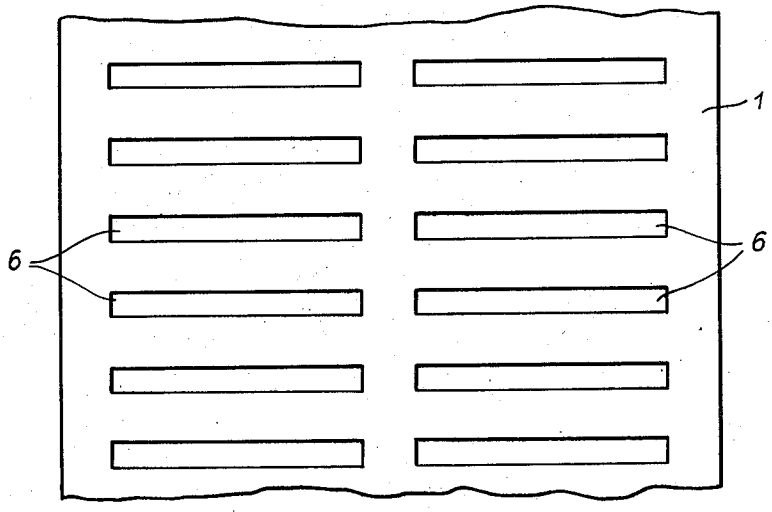


Fig.2

Fig.3



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GUIDE FOR THE WINDOWS OF AUTOMOBILES AND LIKE VEHICLES

Nino Levi, Turin, Italy, assignor to Soc. Guistal, Turin, Italy

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1 Claim. (Cl. 296—44.5)

This invention concerns slideways or guides for the glass windows of automobiles or like vehicles of the type comprising two juxtaposed U-shaped elements provided with a metallic core.

It is an object of this invention to provide a form of guide which is of minimized overall width and minimized thickness of the wall between the two U-shaped members in order to keep the two slidable glasses closest to each other for the purpose of minimizing penetration of air between the glass panels.

To this end, according to this invention, the metallic core of the guide is deprived of the lining of rubber, synthetic material, fabric or the like at its external central portion. Consequently, at the intermediate bending of the metallic core for creating the partition wall between the two U-shaped members, a metal to metal contact is established.

In order to minimize the overall width of the guide, beading of the external wings of the metallic core is effected by bending the wings inwardly instead of outwardly as in conventional practice.

Further characteristic features and advantages of this invention will be understood from the appended description referring to the accompanying drawing given by way of example, wherein:

Figure 1 is a cross sectional view of a guide or slideway according to this invention;

Figure 2 is a development in a plane of the guide shown in Figure 1 on a smaller scale, and

Figure 3 is a development in a plane of the metallic core employed in the guide.

1 denotes the metallic core provided as usual with a plurality of cross slits 6 to facilitate bending of the guide and suiting thereof to the profile of the vehicle window openings. 2 is the rubber lining and 3 the fabric lining having velvety portions 4.

5 denotes the black felt elements arranged at the bottom of the two U-shaped channels, 7 denotes the wings of the metal core 1, said wings being bent inwardly of the guide, as clearly visible in Figures 1 and 2.

In the development in a plane the portion intermediate the points A and B on the metallic core 1 is not lined on its outward face, so that on bending about the central point C the sections 1*a* and 1*b* adhere to each other by a metal to metal contact without the interposition of any lining which would increase the thickness of the partition wall between the two U-shaped sections.

It is understood that constructional details may be varied with respect to the example shown and described above within the scope of the appended claim.

What I claim is:

A guide for slidable glass panels provided in motor vehicle windows of the type comprising two adjacent integral elements of U-shaped cross-section, having a single metal core formed by bending strip metal to a W-shaped cross sectional shape and an outer flexible lining, in which the central outer portion of the metal core is deprived of the lining of flexible covering material so that upon bending the strip metal to the double wall separating the two adjacent U-shaped guides direct metal to metal contact is established solely at the region extending over the height of said separating wall.

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