

METHOD AND DEVICE FOR MANUFACTURING COVER
INCLUDING MULTIPLE METAL LAYERS

Abstract Of the Disclosure

5 [0031] A method and a device for manufacturing a cover
including multiple metal layers are provided. The method
includes: injecting a second metal in liquid form which is a
metal different from a first metal layer onto a semi-finished
cover disposed in a mold and formed of the first metal layer,
10 so as to form a second metal layer on the first metal layer;
and pressing the second metal layer with a pressure in the
mold. Not only does the multi-layer metal cover manufactured
according to the method have the strength and elasticity of a
composite metal, but also subsequent surface treatment may be
15 performed on the metal cover as required, such as heat
treatment, anodizing surface treatment, Galvanic plating,
vacuum coating/film treatment, coating treatment, painting
treatment, and corrosion resistant treatment, to further
improve the adhesiveness between metal layers, the strength
20 and the corrosion resistance, and make the design of the
cover more flexible.

Figure 1