

SHUTTER FOR DISK CARTRIDGE INCLUDING  
INTEGRALLY FORMED DISPLAY SURFACE

ABSTRACT

A disk cartridge for data storage or the like includes a cartridge casing having a disk formed as a data storage medium rotatably mounted therein. The cartridge casing includes an opening defined therethrough for allowing access to the rotatable disk. A substantially U-shaped metallic shutter is slidably disposed on the cartridge casing to as to cover and uncover the access opening according to sliding movement thereof. The metallic shutter is formed by bending processing of a metallic plate material, such as aluminium to form a substantially U-shaped shutter body having a display surface portion defined on an outer side thereof. The display portion is formed by pressing and deforming a selected area of the outer side of the shutter body and forming thereon a matt display area having a surface roughness greater than other surface portions of the shutter body. The surface roughness of the display area may be established having a surface roughness equal to or greater than 5 with a thickness thereof being equal to or less than 30% of the general thickness of the shutter body. Also, the display surface area may be formed as a design, logo, character or the like.

Figure 9