

Abstract

The present disclosure provides a precious metal article having a plating layer on the surface and a preparation method thereof. The precious metal article comprises a precious metal substrate (1) and a physical vapor deposition layer (2) attached to a surface of the precious metal substrate, wherein the precious metal is gold or silver. The preparation method of the precious metal article comprises the following steps: attaching the physical vapor deposition layer (2) to a surface of the precious metal substrate (1) by physical vapor deposition. The finally produced precious metal article can present various colors, the formed film layer is stable and is not prone to fall off, and the surface film layer of the precious metal article will not influence purity of the precious metal substrate during the detection process.