

Abstract

The present disclosure provides a precious metal article with a plating layer on the surface and a preparation method thereof. The precious metal article comprises a precious metal base (1) and a transparent film layer (2) attached on the precious metal base, the precious metal is gold or silver. The preparation method of the precious metal article comprises depositing a transparent film layer (2) on the surface of the precious metal base (1) by physical vapor deposition. The transparent film layer formed on the surface of the produced precious metal article has desirable stability and strong abrasion resistance, and is capable of imparting a permanent colorfastness to the precious metal article.