

Title (en)
ARTICLE COATED WITH A WEAR-RESISTANT FILM OF A PRECIOUS METAL

Publication
EP 0221492 B1 19910515 (FR)

Application
EP 86114909 A 19861027

Priority
FR 8516425 A 19851104

Abstract (en)
[origin: US4745035A] The article is provided with a coating resisting wear and corrosion, such coating being for the most part made of a precious metal or alloy of a precious metal, for example gold or an alloy containing gold. The coating is made up of a first layer of such precious metal or alloy thereof comprising discrete inclusions of a metallic compound such as titanium nitride. These inclusions are deposited along with the precious metal in vapor phase and distributed in a substantially homogeneous manner through the entire thickness of the layer, said thickness being equal to or greater than 0.4 μ m. A second layer of precious metal or alloy thereof is located between the article and said first layer. The article may be a watch case, a bracelet link or a piece of jewelry.

IPC 1-7
C23C 14/02; **C23C 16/02**; **C23C 28/00**; **G04B 37/22**

IPC 8 full level
C23C 14/06 (2006.01); **A44C 5/00** (2006.01); **A44C 27/00** (2006.01); **C23C 16/30** (2006.01); **C23C 28/00** (2006.01); **G04B 37/22** (2006.01)

CPC (source: EP US)
A44C 27/006 (2013.01 - EP US); **C23C 28/021** (2013.01 - EP US); **C23C 28/023** (2013.01 - EP US); **G04B 37/223** (2013.01 - EP US); **Y10S 428/935** (2013.01 - EP US); **Y10S 428/938** (2013.01 - EP US); **Y10T 428/12486** (2015.01 - EP US); **Y10T 428/12868** (2015.01 - EP US); **Y10T 428/12875** (2015.01 - EP US); **Y10T 428/12889** (2015.01 - EP US); **Y10T 428/12896** (2015.01 - EP US)

Cited by
EP0716360A1; EP1548525B2

Designated contracting state (EPC)
CH DE ES GB IT LI

DOCDB simple family (publication)
EP 0221492 A2 19870513; **EP 0221492 A3 19880413**; **EP 0221492 B1 19910515**; DE 3679280 D1 19910620; ES 2022801 B3 19911216; FR 2589484 A1 19870507; JP S62112783 A 19870523; US 4745035 A 19880517

DOCDB simple family (application)
EP 86114909 A 19861027; DE 3679280 T 19861027; ES 86114909 T 19861027; FR 8516425 A 19851104; JP 26084786 A 19861104; US 92606586 A 19861103