

Title (en)  
Method for manufacturing a dial

Title (de)  
Verfahren zur Herstellung eines Zifferblattes

Title (fr)  
Procédé de fabrication d'un cadran

Publication  
**EP 0699980 B1 19990113 (DE)**

Application  
**EP 94810492 A 19940829**

Priority  
EP 94810492 A 19940829

Abstract (en)  
[origin: EP0699980A1] The clock face has a nonmetallic underlay (1) of ceramic or natural or synthetic precious stone. The underlay is first covered with a thin metallic film (2) of e.g. Cr or Ni by vacuum deposition to form an electrically conductive surface. The surface has 20 microns of e.g. Au (3) applied over it galvanically. Figures or decorative patterns (6) are then printed or exposed and the uncovered surface is etched away with a suitable soln. The remainder is polished or glazed so that edges (4) are rounded to improve the cameo effect, and an anti reflection or interference coating (5) is vapour-deposited.

IPC 1-7  
**G04D 3/00**; G04B 45/00; G04B 19/10

IPC 8 full level  
**G04B 19/10** (2006.01); **G04B 45/00** (2006.01); **G04D 3/00** (2006.01)

CPC (source: EP)  
**G04B 19/10** (2013.01); **G04B 45/0076** (2013.01); **G04D 3/0092** (2013.01)

Designated contracting state (EPC)  
AT CH DE FR IT LI

DOCDB simple family (publication)  
**EP 0699980 A1 19960306**; **EP 0699980 B1 19990113**; AT E175784 T1 19990115; DE 59407657 D1 19990225

DOCDB simple family (application)  
**EP 94810492 A 19940829**; AT 94810492 T 19940829; DE 59407657 T 19940829