

## Title (en)

CERMET ORNAMENT MEMBER, AND WATCH, PORTABLE TERMINAL, AND ACCESSORY OBTAINED USING SAME

## Title (de)

ZIERELEMENT AUS CERMET UND UHR, TRAGBARES ENDGERÄT UND DARAUS ERHALTENES ZUBEHÖR

## Title (fr)

ÉLÉMENT DÉCORATIF EN CERMET, ET MONTRE, TERMINAL PORTATIF, ET ACCESSOIRE OBTENUS AU MOYEN DE CELUI-CI

## Publication

**EP 3249066 A4 20180214 (EN)**

## Application

**EP 16755638 A 20160225**

## Priority

- JP 2015036810 A 20150226
- JP 2016055670 W 20160225

## Abstract (en)

[origin: EP3249066A1] The cermet decorative member according to the present disclosure includes a cermet including a crystal phase including titanium carbonitride and a bonding phase including a metal. The bonding phase includes: nickel as a primary component, having a lattice constant of 3.54 Å or more; niobium; and chromium. The watch, mobile terminal, and accessory according to the present disclosure include a cermet decorative member of said configuration.

## IPC 8 full level

**C22C 29/04** (2006.01); **A44C 5/02** (2006.01); **B22F 5/10** (2006.01); **C22C 29/06** (2006.01); **C22C 32/00** (2006.01); **G04B 37/22** (2006.01); **B22F 9/04** (2006.01)

## CPC (source: EP US)

**A44C 5/02** (2013.01 - EP US); **B22F 5/10** (2013.01 - EP); **B22F 5/106** (2013.01 - EP); **C22C 29/04** (2013.01 - EP); **C22C 29/067** (2013.01 - EP); **C22C 32/0047** (2013.01 - EP); **G04B 37/22** (2013.01 - EP); **B22F 2009/041** (2013.01 - EP); **B22F 2998/10** (2013.01 - EP); **B22F 2999/00** (2013.01 - EP)

## C-Set (source: EP US)

## EP

1. **B22F 2999/00 + C22C 29/067 + C22C 1/0433**
2. **B22F 2998/10 + B22F 2009/041 + B22F 9/026 + C22C 1/05 + B22F 3/02 + B22F 2003/023 + B22F 3/18 + B22F 3/20 + B22F 3/225 + B22F 3/14 + B22F 3/10 + B22F 2003/247**
3. **B22F 2999/00 + B22F 3/14 + B22F 2201/20**
4. **B22F 2999/00 + B22F 1/05 + C22C 1/05**
5. **B22F 2999/00 + B22F 1/102 + C22C 1/05**
6. **B22F 2998/10 + C22C 1/05 + C22C 1/1084 + C22C 1/047**
7. **B22F 2999/00 + C22C 1/0433 + C22C 1/047 + C22C 1/045**
8. **B22F 2999/00 + B22F 2009/041 + C22C 1/0433 + C22C 1/047 + C22C 1/045**

## US

1. **B22F 2999/00 + B22F 1/05 + C22C 1/05**
2. **B22F 2999/00 + B22F 1/102 + C22C 1/05**

## Citation (search report)

- [Y] EP 2298948 A1 20110323 - KYOCERA CORP [JP]
- [Y] EP 2568055 A1 20130313 - SUMITOMO ELEC HARDMETAL CORP [JP], et al
- [Y] JP 2011130894 A 20110707 - KYOCERA CORP
- [A] CH 695421 A5 20060515 - KYOCERA CORP [JP]
- [A] FR 2183549 A1 19731221 - UGINE CARBONE [FR]
- See references of WO 2016136894A1

## Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

## Designated extension state (EPC)

BA ME

## DOCDB simple family (publication)

**EP 3249066 A1 20171129; EP 3249066 A4 20180214; EP 3249066 B1 20190522;** JP 6423516 B2 20181114; JP WO2016136894 A1 20180118; WO 2016136894 A1 20160901

## DOCDB simple family (application)

**EP 16755638 A 20160225;** JP 2016055670 W 20160225; JP 2017502477 A 20160225