

Title (en)  
Gold alloy.

Title (de)  
Goldlegierung.

Title (fr)  
Alliage d'or.

Publication  
**EP 0405044 A1 19910102 (FR)**

Application  
**EP 89810518 A 19890710**

Priority  
CH 240289 A 19890627

Abstract (en)  
[origin: US5059255A] A gold alloy comprises at least gold, iron and nickel, the gold being present in an amount between about 74.4 and 94.5 percent by weight of the alloy, the iron being present in an amount between about 5.0 and 25.0 percent by weight of the alloy, and the nickel being present in an amount between about 0.5 to about 0.6 percent by weight of the alloy. Heat treatment of the alloy causes a visually observable blue coloration.

Abstract (fr)  
Alliage d'or comprenant au moins les éléments suivants : Au, 74,4 à 94,5 %; Fe, 5 à 25 %; Ni, 0,5 à 0,6 % qui, après traitement thermique, prend une coloration bleutée en raison de l'oxydation des éléments non précieux contenus dans l'alliage.

IPC 1-7  
**C22C 5/02**; **C22F 1/14**

IPC 8 full level  
**C22C 5/02** (2006.01); **C22F 1/14** (2006.01)

CPC (source: EP US)  
**C22C 5/02** (2013.01 - EP US); **C22F 1/14** (2013.01 - EP US)

Citation (search report)  
• [A] US 1580443 A 19260413 - SHIELDS THOMAS P  
• [A] US 2576738 A 19511127 - WILLIAMS JOSEPH M  
• [A] FR 1442528 A 19660617  
• [A] DE 896114 C 19531109 - HERAEUS GMBH W C

Cited by  
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DOCDB simple family (publication)  
**EP 0405044 A1 19910102**; **EP 0405044 B1 19940601**; AT E106458 T1 19940615; CA 1335630 C 19950523; CH 678949 A5 19911129; DE 68915753 D1 19940707; DE 68915753 T2 19940922; ES 2055153 T3 19940816; JP H0331436 A 19910212; JP H05459 B2 19930106; US 5059255 A 19911022; US 5164026 A 19921117

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