

Title (en)  
HARDENING OF METAL ALLOYS

Title (de)  
HÄRTUNG VON METALLLEGIERUNGEN

Title (fr)  
PROCEDE DE DURCISSEMENT D'ALLIAGES METALLIQUES

Publication  
**EP 1797211 A1 20070620 (EN)**

Application  
**EP 05782474 A 20050901**

Priority  
• IB 2005002580 W 20050901  
• ZA 200406994 A 20040902

Abstract (en)  
[origin: WO2006024928A1] A method of rendering an alloy with increased hardness is provided, the method including the steps of heat treating the alloy until the formation of at least one ordered region in the alloy. An alloy prepared according to this method and an item of jewellery fashioned from or including such an alloy are also provided.

IPC 8 full level  
**C22F 1/14** (2006.01); **C22C 5/04** (2006.01); **C22F 1/00** (2006.01)

CPC (source: EP US)  
**C22C 5/04** (2013.01 - EP US); **C22F 1/00** (2013.01 - EP US); **C22F 1/14** (2013.01 - EP US); **C22F 1/18** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006024928A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2006024928 A1 20060309**; EP 1797211 A1 20070620; US 2008245449 A1 20081009; ZA 200703477 B 20080827

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**IB 2005002580 W 20050901**; EP 05782474 A 20050901; US 66144805 A 20050901; ZA 200703477 A 20050901