

Title (en)  
COMPOSITE ELECTRICAL CONDUCTOR AND METHOD FOR PRODUCING IT

Title (de)  
ELEKTRISCHER VERBUNDLEITER UND HERSTELLVERFAHREN DAFÜR

Title (fr)  
CONDUCTEUR ELECTRIQUE COMPOSITE ET PROCEDE POUR SA FABRICATION

Publication  
**EP 1973677 B1 20090603 (DE)**

Application  
**EP 06841009 A 20061218**

Priority  
• EP 2006012177 W 20061218  
• DE 102005060809 A 20051220

Abstract (en)  
[origin: US7786387B2] An electrical composite conductor includes a CuAg alloy base having an Ag content of 0.08 to 0.12% and a CuMg alloy having a Mg content of 0.1 to 0.7%. The composite conductor further includes a conductor edge and a conductor core, wherein at least one of the edge and the core include the CuMg alloy.

IPC 8 full level  
**B21C 23/30** (2006.01); **H01B 1/02** (2006.01)

CPC (source: EP KR US)  
**B21C 23/30** (2013.01 - EP KR US); **C22C 9/00** (2013.01 - KR); **H01B 1/02** (2013.01 - KR); **H01B 1/026** (2013.01 - EP US); **Y10T 29/49117** (2015.01 - EP US); **Y10T 428/1291** (2015.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007071355 A1 20070628**; AT E432780 T1 20090615; AU 2006329004 A1 20070628; CA 2633469 A1 20070628; CN 101340987 A 20090107; CN 101340987 B 20120725; DE 102005060809 B3 20070920; DE 502006003916 D1 20090716; DK 1973677 T3 20090907; EP 1973677 A1 20081001; EP 1973677 B1 20090603; ES 2326552 T3 20091014; JP 2009520332 A 20090521; KR 20080090398 A 20081008; PL 1973677 T3 20091130; PT 1973677 E 20090729; RU 2008129369 A 20100127; SI 1973677 T1 20091231; US 2009075117 A1 20090319; US 7786387 B2 20100831; ZA 200805250 B 20091125

DOCDB simple family (application)  
**EP 2006012177 W 20061218**; AT 06841009 T 20061218; AU 2006329004 A 20061218; CA 2633469 A 20061218; CN 200680047913 A 20061218; DE 102005060809 A 20051220; DE 502006003916 T 20061218; DK 06841009 T 20061218; EP 06841009 A 20061218; ES 06841009 T 20061218; JP 2008546214 A 20061218; KR 20087014903 A 20080619; PL 06841009 T 20061218; PT 06841009 T 20061218; RU 2008129369 A 20061218; SI 200630364 T 20061218; US 15840606 A 20061218; ZA 200805250 A 20080617