

Title (en)  
Sliding contact

Title (de)  
Schleifkontakt

Title (fr)  
Contact à glissement

Publication  
**EP 1607987 A1 20051221 (DE)**

Application  
**EP 05012724 A 20050614**

Priority  
DE 102004028838 A 20040616

Abstract (en)  
The sliding contacts used in such as potentiometers or rotary switches uses a combination of normal metal and rare earth metal. The main body is in the form of a spring characteristic element of normal metal [1] and the contact surface is provided by a rare earth material tip [2].

Abstract (de)  
Schleifkontakt mit einem Grundkörper aus einem Draht, an dessen einem Ende ein Schleifkontaktkörper angeordnet ist. <IMAGE>

IPC 1-7  
**H01C 10/34**

IPC 8 full level  
**H01C 10/34** (2006.01); **H01R 39/24** (2006.01)

CPC (source: EP US)  
**H01R 39/24** (2013.01 - EP US)

Citation (search report)  
• [XY] US 5258737 A 19931102 - WANJA ROLAND [DE]  
• [X] US 4642602 A 19870210 - MAISCH WOLFGANG [DE], et al  
• [DA] DE 4020700 A1 19920109 - KERN & LIEBERS [DE]  
• [DY] US 5315758 A 19940531 - ONO YASUICHI [JP], et al  
• [DA] US 5416969 A 19950523 - MIURA AKITO [JP]  
• [A] WO 03100796 A1 20031204 - TANAKA PRECIOUS METAL IND [JP], et al  
• [A] US 2004041687 A1 20040304 - SCHWEINFURTH REINER [DE]  
• [Y] US 5047746 A 19910910 - STILWELL STEPHEN R [US], et al

Cited by  
CN106099596A; CN104392812A; EP3168944A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1607987 A1 20051221**; DE 102004028838 A1 20060126; JP 2006004938 A 20060105; US 2005282446 A1 20051222

DOCDB simple family (application)  
**EP 05012724 A 20050614**; DE 102004028838 A 20040616; JP 2005175596 A 20050615; US 15365105 A 20050615