

Title (en)

Noble metal clad brush wire and slip ring assembly

Title (de)

Plattierter Edelmetallbürstendraht und Schleifringanordnung

Title (fr)

Balais à fil gainé en métal noble et dispositif de bague collectrice

Publication

EP 1124288 A1 20010816 (EN)

Application

EP 01102994 A 20010208

Priority

US 49953500 A 20000211

Abstract (en)

A slip ring and brush assembly utilizes gold cladding brush wires in sliding or rotating contact with a gold covered slip ring. The metallurgical bonding of the gold cladding to the underlying wire minimizes cracking of the precise metal surface as compared to plated materials while avoiding the high cost of a gold alloy monofilament wire. Other noble metals may be used in place of gold. <IMAGE>

IPC 1-7

H01R 13/03; **H01R 39/20**; **H01R 39/24**

IPC 8 full level

H01R 39/00 (2006.01); **H01R 13/03** (2006.01); **H01R 39/20** (2006.01); **H01R 39/24** (2006.01); **H02K 13/00** (2006.01)

CPC (source: EP)

H01R 13/03 (2013.01); **H01R 39/20** (2013.01); **H01R 39/24** (2013.01)

Citation (search report)

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- [Y] EP 0318831 A2 19890607 - INCO LTD [CA]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 05 30 June 1995 (1995-06-30)

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CN110829132A; EP2816676A1; CN104241987A; US9601444B2; US9882331B2; US9099791B2; EP2696450B1

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