

Title (en)  
Slipring with increased creepage distance

Title (de)  
Schleifring mit erhöhter Kriechstrecke

Title (fr)  
Bague collectrice à distance de fluage augmentée

Publication  
**EP 3021428 A1 20160518 (EN)**

Application  
**EP 14192687 A 20141111**

Priority  
EP 14192687 A 20141111

Abstract (en)  
A slip ring module (10) comprises a body (11) holding a plurality of sliding tracks (12). The sliding tracks have a T-shaped cross-section with a support portion (15) and a contact portion (13) further providing a contact surface (14). A slip ring brush, which may be a wire brush or carbon brush, is sliding on the contact surface to provide contact to the slip ring module which may rotate against the brush. The contact portion is wider than the support portion, resulting in an enlarged creepage distance (40) at the surface of the body. This further results in an increased isolation and life time of the slip ring module.

IPC 8 full level  
**H01R 39/08** (2006.01); **H01R 43/10** (2006.01)

CPC (source: EP)  
**H01R 39/08** (2013.01); **H01R 43/10** (2013.01)

Citation (applicant)  
• US 6283638 B1 20010904 - FEUER JR HENRY O [US], et al  
• US 5734218 A 19980331 - CROCKETT RUSSELL L [US], et al

Citation (search report)  
• [X] GB 154878 A 19210407 - LOECKNITZER EISENWERK GES MIT  
• [XI] US 1378049 A 19210517 - MILLS CHESTER B  
• [XI] FR 401241 A 19090821 - JACQUET FRERES SOC [FR]  
• [XA] US 1756004 A 19300422 - BARR JOHN M, et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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