

Title (en)
SLIP RING AND SLIP RING UNIT WITH SLIP RING

Title (de)
SCHLEIFRING SOWIE SCHLEIFRINGEINHEIT MIT EINEM SCHLEIFRING

Title (fr)
COLLECTEUR ROTATIF ET UNITÉ COMPRENANT UN COLLECTEUR ROTATIF

Publication
EP 3118946 B1 20170913 (DE)

Application
EP 15176837 A 20150715

Priority
EP 15176837 A 20150715

Abstract (en)
[origin: US2017018900A1] A slip ring includes a dielectric carrier body having a circumferential lateral surface and radially oriented feed-through leads, a first conductive element, and a second conductive element. In a first section, the conductive elements extend in parallel at an axial offset on the lateral surface in the circumferential direction, and in a second section, they extend in the feed-through leads with a radial directional component. The first sections extend in the circumferential direction across a first angular dimension of less than 360°, so that a discontinuity is present along the circumferential direction of the conductive elements in a second angular dimension. The feed-through leads are arranged such that the second angular dimension of the first conductive element is situated at an offset from the second angular dimension of the second conductive element in the circumferential direction, the first and the second conductive elements being electrically connected to each other.

IPC 8 full level
H01R 39/08 (2006.01)

CPC (source: CN EP US)
H01R 39/08 (2013.01 - CN EP US); **H01R 39/24** (2013.01 - CN); **H01R 39/34** (2013.01 - CN)

Cited by
EP3716415A1; US11165210B2

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

DOCDB simple family (publication)
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DE 102016210122 A1 20170119; JP 2017028989 A 20170202; JP 6769761 B2 20201014; TW 201711322 A 20170316; TW I671964 B 20190911;
US 2017018900 A1 20170119; US 9806482 B2 20171031

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TW 105118791 A 20160615; US 201615211350 A 20160715