

Title (en)

BRUSH BLOCK FOR A SLIP RING ARRANGEMENT

Title (de)

BÜRSTENBLOCK FÜR EINE SCHLEIFRINGANORDNUNG

Title (fr)

BLOC DE BALAIS POUR SYSTÈME DE BAGUE COLLECTRICE

Publication

EP 2831961 A1 20150204 (DE)

Application

EP 13711857 A 20130312

Priority

- DE 102012204830 A 20120326
- EP 2013055038 W 20130312

Abstract (en)

[origin: WO2013143842A1] A brush block for a slip ring arrangement consists of a spring clamp, which is mechanically held by two bores of a circuit board and which transitions into two contact springs. The spring clamp also has a solder joint for electrical contact with a conductor trace. Said solder joint is mechanically decoupled from the contact springs by two angle bends of the spring clamp.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 39/18** (2006.01); **H01R 39/36** (2006.01); **H01R 39/39** (2006.01); **H01R 39/64** (2006.01)

CPC (source: CN EP US)

H01R 4/48 (2013.01 - US); **H01R 39/18** (2013.01 - CN EP US); **H01R 39/36** (2013.01 - CN EP US); **H01R 39/39** (2013.01 - CN EP US); **H01R 39/643** (2013.01 - US); **H01R 39/64** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2013143842A1

Cited by

CN107104340A

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)

DE 102012204830 A1 20130926; CN 104380542 A 20150225; CN 104380542 B 20161221; EP 2831961 A1 20150204; EP 2831961 B1 20161116; US 2015024610 A1 20150122; US 9281648 B2 20160308; WO 2013143842 A1 20131003

DOCDB simple family (application)

DE 102012204830 A 20120326; CN 201380023159 A 20130312; EP 13711857 A 20130312; EP 2013055038 W 20130312; US 201414497488 A 20140926