

Title (en)

Alignment head for contact-free energy and data transfer

Title (de)

Richtkopf mit berührungsloser Energie- und Datenübertragung

Title (fr)

Tête de guidage dotée d'une transmission d'énergie et de données sans contact

Publication

EP 2128835 A3 20130424 (DE)

Application

EP 09002083 A 20090214

Priority

DE 102008010018 A 20080220

Abstract (en)

[origin: DE102008010018A1] The arrangement has a transmission unit designed as a transmission module, and contactlessly bridging an air gap. The transmission unit is arranged around a central free space (20) as a circular module bank with module halves that are moveably supported relative to each other. A ball bearing arranged between bearing rings that are held by a circular plate screwed with a bar of the bearing rings. The transmission module serves to transform a signal transmission that exhibits twisted tapping, which is controlled via a rotary drive.

IPC 8 full level

G08C 17/04 (2006.01); **H01F 38/18** (2006.01)

CPC (source: EP)

G08C 17/04 (2013.01); **H01F 38/14** (2013.01); **G08C 2201/10** (2013.01); **H01F 38/18** (2013.01); **H01F 2038/143** (2013.01)

Citation (search report)

- [XYI] WO 2007048920 A1 20070503 - CENTRE NAT ETD SPATIALES [FR], et al
- [XYI] US 2003228188 A1 20031211 - WHITE MICHAEL WALTER [CA], et al
- [XI] DE 19538528 A1 19970410 - PETRI AG [DE]
- [XI] EP 0520535 A1 19921230 - KOLBENSCHMIDT AG [DE]

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008010018 A1 20090827; EP 2128835 A2 20091202; EP 2128835 A3 20130424; EP 2128835 B1 20170705

DOCDB simple family (application)

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