Title (en)

WIRE RACE BEARING

Title (de)

DRAHTLAGER

Title (fr)

PALIER À FILS

Publication

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Application

EP 17710378 A 20170208

Priority

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Abstract (en)

[origin: WO2017141096A1] The invention relates to a rolling bearing comprising at least one row of cylindrical rolling bodies for transmitting axial forces between two annular connection elements which are concentric about a common axis of rotation, said connection elements being distanced from each other by a gap so that they can rotate about the common axis of rotation, wherein the at least one row of cylindrical rolling bodies is arranged in such a way that the axes of rotation of all of the cylindrical rolling bodies of said row lie in a common plane in the unloaded state of the rolling bearing, through which the common axis of rotation passes perpendicularly, at least one raceway for the at least one row of cylindrical rolling bodies being designed as a flat surface of a wire, which has an arched, convex cross-sectional shape on the surface region thereof which is complementary to the raceway surface, and is as such, at least in regions, inserted into a peripheral recess with a cross-sectional extension complementary thereto in an annular connection element.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017141096A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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