

Title (en)

Rotating connection

Title (de)

Drehgelenkkupplung

Title (fr)

Accouplement articule rotatif

Publication

EP 1502330 B1 20060705 (DE)

Application

EP 03720456 A 20030412

Priority

- DE 10218694 A 20020426
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Abstract (en)

[origin: WO03092127A1] The invention relates to an electrical rotating connection (1), comprising an inner and an outer slip ring contact arrangement (2,3) for the transmission of electrical currents. The inner slip ring contact arrangement (2) is provided with several first slip rings (4), which comprise, on the one side thereof in the direction (6) of the axis, first lugs (7) facing outwards, whereby each first slip ring (4) with a first lug (7) forms a unitary component. The outer slip ring arrangement (3) is provided with several second slip rings (5) which comprise, on the one side thereof in the opposite direction (9) to the axis, second lugs (8) facing outwards, whereby each second slip ring (5) with a second lug (8) forms a unitary component. The second slip rings (5) are provided with several spring contacts (10), which are embodied from material recesses and mouldings. The spring contacts (10) on the second slip ring (5) are in electrical contact with each of the first slip rings (4).

IPC 8 full level

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CPC (source: EP US)

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Cited by

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