

Title (en)
ROTARY ELECTRICAL CONDUCTOR

Title (de)
ROTIERENDER ELEKTRISCHER LEITER

Title (fr)
CONDUCTEUR ÉLECTRIQUE ROTATIF

Publication
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Application
EP 19167901 A 20150831

Priority

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Abstract (en)
[origin: WO2016032336A1] The invention relates to Rotary conductor (1,20) comprising a first and second circular bodies (3,22,23) with metal contact surfaces that engage in rolling contact. The metals of the contact surfaces have a predetermined hardness and a corresponding yield pressure, a contact pressure between the contact surfaces being greater or equal to at least 10%, preferably at least 15% of the yield pressure of the contact surface metal having the lowest hardness. High currents can be transferred between the rolling conductors as well as electrical signals at rates above 1Gb/s.

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