

Title (en)
ROTARY ELECTRICAL CONDUCTOR.

Title (de)
ELEKTRISCHER DREHLEITER

Title (fr)
CONDUCTEUR ÉLECTRIQUE ROTATIF

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Application
EP 15781446 A 20150831

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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 1 Gb/s.

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H01R 39/64 (2006.01)

CPC (source: EP)
H01R 39/643 (2013.01)

Citation (search report)
See references of WO 2016032336A1

Cited by
EP4283800A1; WO2023227951A1

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