

Title (en)
ELECTRICAL CONNECTION LINE WITH REDUCED INDUCTANCE PER UNIT LENGTH

Title (de)
ELEKTRISCHE VERBINDUNGSLEITUNG MIT VERMINDERTEM INDUKTIVITÄTSBELAG

Title (fr)
LIGNE DE CONNEXION ÉLECTRIQUE À INDUCTANCE RÉDUITE

Publication
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Application
EP 16775261 A 20161004

Priority
• DE 102015222253 A 20151111
• EP 2016073651 W 20161004

Abstract (en)
[origin: WO2017080717A1] The invention relates to an electrical connection line (1) comprising at least two electrical conductors (3) separated from one another by an insulation material (2), wherein at least one conductor has a core region (31) that is surrounded by a casing region (32), wherein the electrical conductivity κ_2 of the casing region (32) is greater than the electrical conductivity κ_1 of the core region (31). The invention also relates to an assembly (10) formed by a control device (11) and an actuator (12), wherein the actuator (12) can be supplied with a current I_A by the control device (11) via an electrical connection line (13) connected between the control device (11) and the actuator (12), and wherein the control device has means for measuring the voltage U_M , which decreases over the series connection of the electrical connection line (13) and the actuator (12), wherein the electrical connection line (13) is an electrical connection line (1) according to one of claims 1 to 9.

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Citation (search report)
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