

Title (en)
Variable electrical resistance device.

Title (de)
Einstellbarer Widerstand.

Title (fr)
Dispositif à résistance variable.

Publication
EP 0070934 A1 19830209 (EN)

Application
EP 81303475 A 19810728

Priority
EP 81303475 A 19810728

Abstract (en)
A rotary variable electrical resistance device comprises a housing (21); a spindle (22), arranged for rotation in the housing to adjust the setting of the device, and arranged to be rigidly secured to the end of a rotatably supported shaft serving as an extension of the spindle or whose angular rotation is to be monitored by the device and such that the shaft effectively supports the resistance device. The housing (21) is restrained from rotation by a member such as a pin (27) on a disc (23) secured to a support (24) by a ring shaped member (25) and engaging an opening or recess (28) in a flange (29) secured to the housing. Clearance between the members (25) and (29) allows the device to be displaced to follow displacement of the shaft resulting from play in bearings supporting the shaft or misalignment or bending of the shaft and obviates the necessity for the expensive and bulky flexible couplings of the prior art.

IPC 1-7
H01C 1/01; **H01C 10/32**

IPC 8 full level
H01C 1/01 (2006.01); **H01C 10/14** (2006.01)

CPC (source: EP)
H01C 1/01 (2013.01); **H01C 10/14** (2013.01)

Citation (search report)

- [A] DE 2735673 A1 19780209 - DENKI ONKYO CO LTD
- [A] US 2921285 A 19600112 - CARL NEUENDORFFER, et al
- [A] US 4250481 A 19810210 - KAUFMAN LANCE R [US]
- [E] GB 2067846 A 19810730 - COLVERN LTD

Cited by
EP0229446A3; US5858896A; DE4221024A1; EP0575918A3

Designated contracting state (EPC)
BE DE FR IT NL SE

DOCDB simple family (publication)
EP 0070934 A1 19830209; **EP 0070934 B1 19860416**; DE 3174395 D1 19860522

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