

Title (en)
DRIVING DEVICE FOR A ROTATIVE POTENTIOMETER

Publication
EP 0244612 A3 19890322 (DE)

Application
EP 87104199 A 19870321

Priority
DE 3612574 A 19860415

Abstract (en)
[origin: US4771262A] A drive means of a rotary potentiometer is arranged to work trouble-free in the case of misalignment between the rotary axis of the rotating body and the rotary axis of the driving member. Teeth are arranged in the rotating, or rotary body, the crests of which teeth are directed to the rotary axis. The driving member is adjacent to the one flank of the one tooth and the one flank of the other tooth. The flanks of the teeth are involutely rounded off, so that the applied torque remains substantially constant in event of any misalignment of the driving member axis with respect to the body axis.

IPC 1-7
H01C 10/14; **F16D 3/04**; **F16D 3/02**

IPC 8 full level
H01C 10/32 (2006.01); **H01C 10/14** (2006.01)

CPC (source: EP US)
H01C 10/14 (2013.01 - EP US)

Citation (search report)
• [A] US 4539963 A 19850910 - BRISBANE ROGER M [US], et al
• [A] US 4518369 A 19850521 - SHINSEN MITSUHIISA [JP]
• [A] GB 1412110 A 19751029 - UNITED GAS INDUSTRIES LTD
• [XP] DE 8610175 U1 19860619

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EP0402618A3

Designated contracting state (EPC)
ES FR GB IT

DOCDB simple family (publication)
DE 3612574 C1 19870619; EP 0244612 A2 19871111; EP 0244612 A3 19890322; JP S62244103 A 19871024; US 4771262 A 19880913

DOCDB simple family (application)
DE 3612574 A 19860415; EP 87104199 A 19870321; JP 8898487 A 19870413; US 3685287 A 19870410