

Title (en)
Energy regulators

Title (de)
Energierегler

Title (fr)
Régulateurs d'énergie

Publication
EP 0807947 A2 19971119 (EN)

Application
EP 97113273 A 19940512

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Abstract (en)
A dual output energy regulator comprises a cam body 137 having a primary cam surface 136 for controlling the supply of energy to a load and a track 155 for receiving a collar 154 provided with an auxiliary cam surface 152 for controlling the opening of auxiliary contacts 142, 144. The collar 154 is rotatable relative to the body 137 and has detents 162,164 for retaining an auxiliary cam follower 150 in one of the positions in which the contacts 142,144 are either open or closed. A lost motion mechanism allows the cam member 137 to rotate by about 300 DEG from its original position without turning the collar at which point, dog teeth 166,168 on the collar 154, and cam member 137 engage to move the collar to its other position. Movement of the cam member 137 in the other direction does not result in movement of the collar until the dog teeth 166,168 again engage and return the collar 154 to its original position. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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