

(12) **United States Patent**
Dal Pra'

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(54) **ELECTRIC CONTROL DEVICE FOR A MOTOR-DRIVEN DERAILLEUR FOR BICYCLES**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(58) Field of Search **74/502.2, 489, 74/473.12, 473.13; 192/217, 226; 474/78, 80, 82; 280/238, 261; 200/61.87, 61.91**

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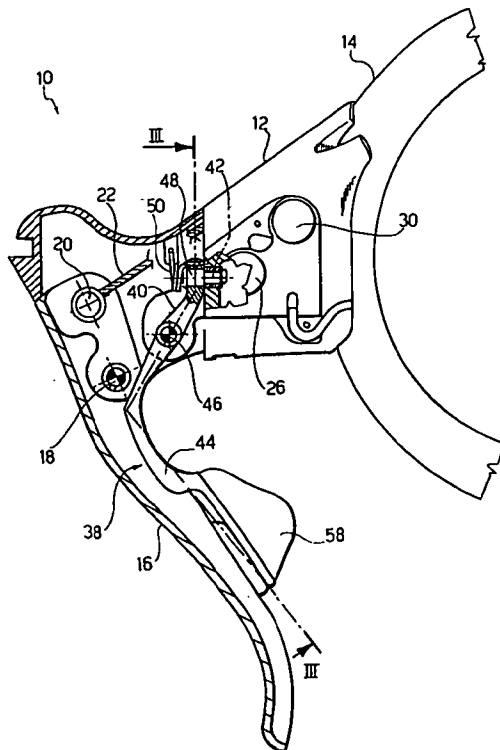
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(57) **ABSTRACT**

An electric control device for a motor-driven derailleur for bicycles includes a supporting body fixed to a handlebar of a bicycle, a supporting body, a pair of electric switches to control the gear change carried by the supporting body, and a gear change lever that can be manually operated to control a first of said switches. The gear change lever comprises a first part connected to the supporting body so as to consent shift of the gear change lever between a position at rest and an operating position, and a second part hinged to the first part.

50 Claims, 12 Drawing Sheets



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