

The invention relates to devices for converting vehicle movement mechanical energy into electrical energy, and can be used for installation on motorroads with heavy traffic of vehicles.

The device for converting mechanical energy into electrical energy comprises a frame (1) for its rigid fixation into the bed of the motor roadway to form a flat surface with the bed. The device further comprises an oscillating ramp (2), having one edge pivotally fixed to the frame (1), and its opposite edge is pivotally connected to a slider (4), which communicates with springs (3), fixed on the frame (1), at the same time the slider (4) communicates with at least one tie-rod (5) of at least one linear electric generator (6).

Claims: 1

Fig.: 1

