

Invention relates to a rear hitch system for a motor truck used as a tractor.

Hitch attachment for a motor tractor, comprising a mounting assembly for attaching it to the motor tractor, which includes a channel section secured to the cross member of the vehicle frame, to which two pairs of brackets spaced apart across the width are attached, connected by pins (4) to two figured brackets, which have an L-shape and include a longitudinal strut and a cross member. Wherein, the figured brackets are hinged to the paired brackets at the junction of the strut and cross member, two lower main links are located at the bottom, and the lower main link pivot assembly includes two hydraulic cylinders. Wherein, an upper link is hinged to the channel section. A corresponding lower main link is hinged to the lower part of each of the figured bracket struts, a corresponding adjustment screw is secured to the lower end of this cross member, the upper end of which is hinged to the end of the corresponding cross member of the corresponding figured bracket. Wherein, each hydraulic cylinder is connected to the corresponding figured bracket via a pin (12) installed in a hole in a projection formed on the strut of the figured bracket. The other end of each hydraulic cylinder is pivotally connected via a pin (15) to the corresponding auxiliary bracket, which is secured to a cross member mounted on the side members.

Technical result consists in avoiding excessive metal consumption of the hitch attachment for a motor tractor.