The invention relates to a road marking machine, which is capable of performing more than one line drawing operations at the same time on the roads where the presence of the road lines is mandatory.
INNOVATION IN THE ROAD MARKING MACHINE WITH SLEDGE CARRIAGE

Technical Field

The invention relates to a road marking machine, which is capable of performing more than one line drawing operations at the same time on the roads where the presence of the road lines is mandatory.

State of the Art

The increase in the traffic accidents resulting from the increased use of motor vehicles leads to the improvement of the roads every passing day. In addition to the need for the roads to be in good order, the road lines are also very important for the drivers. The drawing of the road lines varies depending on the time and distance. As the road is long and wide, the drawing of the lines in the form of a single strip makes it necessary for the road marking vehicle to repeat its operation more than once on the same road. This causes extra loss of time and fuel for the respective company.

The invention, which has been developed in order to overcome the above-mentioned problems, relates to a road marking machine enabling to apply more than one strip at the same time.

Object of the Invention

The present invention relates to a road marking machine, which satisfies the aforesaid needs, eliminates all the disadvantages and provides some additional advantages.

The main object of the road marking machine according to the invention is to save time.

Another object of the invention is to save the fuel.

Another object of the invention is to be able to draw more clear lines.

Another object of the invention is to be able to spray the paint at any desired density by means of the airless pumps.

Figures to Aid in Understanding the Invention

The present invention should be considered along with the figures described below, in order to best understand the embodiment of the invention as well as the additional members and advantages of the same.

Figure - 1: A line view of the road marking machine according to the invention
The drawings are not necessarily drawn to scale and the details not necessary for understanding the invention may have been omitted. Moreover, the members that are at least substantially identical or that have at least substantially identical functions are shown with the same reference numeral.

Part Reference Numerals

1. Operator panel

2. Sledges

3. Paint gun carrying unit

4. Sliding seat

Detailed Description of the Invention

In the front region of the road marking machine according to the invention, there are present paint tanks to be used in marking the road. The paints contained in said tanks are transferred by means of the airless pumps to the paint gun carrying unit (3). The transferred paint is sprayed from the paint guns located on the carrying unit (3) to thereby draw the line in the desired zone of the road. Depending on the structure of the road, the carrying unit (3) should be moved by the operator. The movement is performed owing to the sledges (2) on the back side of the carrying unit (3). Said sledges (2) are connected to the carrying unit (3) and are manually adjusted by the user. When desired, they may also be automatically adjusted. After the adjustment of the sledges (2), the operator may observe both line points from the sliding seat (4) and perform the line drawing operation in a more proper manner. Determination of the line by the operator depending on the road structure is performed by means of the operator panel (1) located in front of the operator seat (4).
1. A road marking machine, which is capable of performing more than one line drawing operations at the same time on the roads where the presence of the road lines is mandatory, characterized in that it comprises the paint gun carrying unit (3), on which the paint guns are located and to which the paints inside the tanks are transferred by means of airless pumps.

2. A road marking machine according to Claim 1 characterized in that it comprises the sledges (2), which are located on the back side of said carrying unit (3) and which enable the direction of the carrying unit (3) to be determined manually or automatically.

3. A road marking machine according to Claim 1 characterized in that it comprises the sliding seat (4), which enables the operator to control both sides while drawing the strip.

4. A road marking machine according to Claim 1 characterized in that it comprises the operator panel (1), which enables the operator to determine the line according to the road structure and which is located in front of the operator seat (4).