

Abstract

SPECTACLE PLATE FOR CONCRETE PUMP TRUCK, PREPARATION METHOD THEREOF AND CONCRETE PUMP TRUCK

The present disclosure relates to a spectacle plate for a concrete pump truck, a preparation method thereof and a concrete pump truck, where the spectacle plate for a concrete pump truck includes: a substrate which includes two through holes, a ridge part and two arc parts, the ridge part being arranged between the two through holes, and the two arc parts and the ridge part forming the two through holes; a first wear-resistant body which includes first parts and a second part, the two through holes being each provided with one first part, the first parts being connected to the ridge part, and the second part being arranged on a surface of the ridge part and located between the two through holes; and two second wear-resistant bodies, the two through holes being each provided with one second wear-resistant body, and the two second wear-resistant bodies being connected to the two arc parts respectively; wherein a wear resistance of the first wear-resistant body is greater than that of the second wear-resistant body, and a wear resistance of the second wear-resistant body is greater than that of the substrate. The wear-resistant bodies are arranged on the surface of the ridge part and inner walls of the through holes to improve the wear resistance. In addition, a preset amount of tungsten is added to the wear-resistant body at the ridge part to improve the wear resistance and impact resistance of the wear-resistant body.

Fig. 1