

Abstract

A double-winch hydraulic control system, including: a first force measurement member (101), configured to measure a first force value of a first steel wire rope (103); a second force measurement member (102), configured to measure a second force value of a second steel wire rope (104); a first motor (200), connected to the first steel wire rope (103); and a second motor (300), connected to the second steel wire rope (104). Based on comparison between the first force value and the second force value, the first motor (200) is controlled to tension the first steel wire rope (103), or the second motor (300) is controlled to tension the second steel wire rope (104). Further included are a work machine and a control method. The first steel wire rope (103) or the second steel wire rope (104) is tensioned, so that a tilt of a work apparatus is automatically adjusted, thereby improving working efficiency.

FIG. 1