

Title (en)

Method for operating a winch of a tracked vehicle and snow groomer

Title (de)

Verfahren zur Steuerung einer Seilwinde eines Kettenfahrzeugs und Pistenraupe

Title (fr)

Procédé de commande d'un treuil à câble d'un véhicule chenillé et dameuse

Publication

**EP 2444356 B1 20150429 (DE)**

Application

**EP 11185066 A 20111013**

Priority

DE 102010049984 A 20101019

Abstract (en)

[origin: EP2444355A1] The method involves detecting the speed of chain (4) and rope. The angle of winch arm (3) is detected along the longitudinal axis of vehicle (1). The running speed of vehicle is determined, based on the rope speed and the angle of winch arm. The cable force is detected, by comparing the chain speed and the running speed of vehicle. A target value is determined for power cable, based on the difference between the chain speed and running speed of vehicle. An independent claim is included for runway crawler-type vehicle.

IPC 8 full level

**B66D 1/50** (2006.01); **E01H 4/02** (2006.01)

CPC (source: EP)

**B66D 1/505** (2013.01); **E01H 4/02** (2013.01)

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