

Title (en)

Method for controlling the winch of a ski track maintenance vehicle and said vehicle

Title (de)

Verfahren zur Steuerung einer Seilwinde eines Pistenpflegefahrzeugs und Pistenpflegefahrzeug

Title (fr)

Procédé pour commander le treuil de halage d'un véhicule pour l'entretien des pistes et cedit véhicule

Publication

**EP 1431236 B1 20091209 (DE)**

Application

**EP 03023400 A 20031017**

Priority

DE 10261944 A 20021217

Abstract (en)

[origin: EP1431236A2] Process for controlling the hoisting winch of a piste maintenance vehicle (10) comprises determining a chain speed or a variable proportional to the drive chain speed, determining a cable speed or a variable proportional to the cable speed, comparing the chain speed and the cable speed or the proportional variables, and determining a nominal value for the cable speed or the proportional variable taking into account the comparison result for the hoisting winch control. An Independent claim is also included for a piste maintenance vehicle with a hoisting winch for carrying out the above process.

IPC 8 full level

**B66D 1/48** (2006.01); **B66D 1/50** (2006.01); **E01H 4/02** (2006.01); **E02F 9/20** (2006.01)

CPC (source: EP US)

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

Cited by

DE102010049984A1; EP2444355A1; EP2444356A1; AT526150A4; AT526150B1; US8875912B2; WO2007101519A1; WO2011156829A1; EP2444355B1; EP2444355B2

Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

**EP 1431236 A2 20040623**; **EP 1431236 A3 20050427**; **EP 1431236 B1 20091209**; AT E451322 T1 20091215; DE 10261944 A1 20040701; DE 50312200 D1 20100121; US 2004173784 A1 20040909; US 7165758 B2 20070123

DOCDB simple family (application)

**EP 03023400 A 20031017**; AT 03023400 T 20031017; DE 10261944 A 20021217; DE 50312200 T 20031017; US 72836903 A 20031204