

Title (en)  
PISTE GROOMING VEHICLE WITH CABLE TORQUE COMPENSATION

Title (de)  
PISTENPFLEGEFAHRZEUG MIT SEILZUGMOMENT-KOMPENSATION

Title (fr)  
VEHICULE D'ENTRETIEN DE PISTES POURVU D'UNE COMPENSATION DU COUPLE DE TRACTION PAR CABLE

Publication  
**EP 1896661 B1 20110119 (DE)**

Application  
**EP 06742987 A 20060519**

Priority  
• EP 2006004762 W 20060519  
• DE 102005031076 A 20050627

Abstract (en)  
[origin: WO2007000216A1] The invention relates to a piste grooming vehicle (I) with a point of application for cable forces (24) that is associated with a cable winch (7), said point being at a distance from a yaw axis (13) of the piste grooming machine, at least one control device (16) being provided and being operatively connected to at least one control means (2, 3, 4, 7) for automatically compensating at least one cable torque that can be applied by a cable traction force ( $F_{s1}$ ,  $F_{s2}$ ) of the cable winch (7) in relation to the yaw axis (13).

IPC 8 full level  
**E01H 4/02** (2006.01)

CPC (source: EP US)  
**B66D 1/505** (2013.01 - EP US); **B66D 1/60** (2013.01 - EP US); **E01H 4/02** (2013.01 - EP US)

Designated contracting state (EPC)  
AT CH DE FR IT LI

DOCDB simple family (publication)  
**WO 2007000216 A1 20070104**; AT E496175 T1 20110215; CA 2612954 A1 20070104; CA 2612954 C 20140930;  
DE 102005031076 A1 20070125; DE 102005031076 B4 20071129; DE 502006008766 D1 20110303; EP 1896661 A1 20080312;  
EP 1896661 B1 20110119; US 2010236107 A1 20100923; US 8201349 B2 20120619

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**EP 2006004762 W 20060519**; AT 06742987 T 20060519; CA 2612954 A 20060519; DE 102005031076 A 20050627;  
DE 502006008766 T 20060519; EP 06742987 A 20060519; US 98808406 A 20060519