

Title (en)

Apparatus for maintaining ski tracks with pivotably mounted milling tool

Title (de)

Pistenpflegefahrzeug mit Schwenkbar angebauter Fräse

Title (fr)

Appareil pour l'entretien de pistes de ski avec fraiseuse montée de façon pivotante

Publication

EP 1245736 B1 20100602 (DE)

Application

EP 02076031 A 20020314

Priority

IT BZ20010017 A 20010330

Abstract (en)

[origin: EP1245736A2] The self-propelled machine to prepare the surfaces of ski pistes has swing surface scrapers operated by a motor (2) for the drive wheels (5,6) and the pump (9) for the hydromotor. The working of the pump and the working cylinder (16) is set by a control unit (17). The control unit is linked to sensors which register the motor rotary speed, the rotary speed of the drive wheels, the pressure in the scraper hydromotor and the movement path of the working cylinder. The control unit locks the measured values through an algorithm to give the required pump and motor operation. The algorithm ensures that the hydrostatic scraper drive pressure is constant.

IPC 8 full level

A63C 19/10 (2006.01); **E01H 4/02** (2006.01)

CPC (source: EP US)

E01H 4/02 (2013.01 - EP US)

Cited by

CN107923134A; ITUA20162397A1; WO2017175194A1; US10753056B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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