

Title (en)
DEVICE FOR FINISHING THE STEEL EDGE OF A SKI

Title (de)
VORRICHTUNG ZUM NACHBEARBEITEN EINER STAHLKANTE EINES SKIS

Title (fr)
DISPOSITIF POUR REUSINER LA CARRE D'UN SKI

Publication
EP 1708849 B1 20070404 (DE)

Application
EP 05700020 A 20050127

Priority
• AT 2005000020 W 20050127
• AT 1362004 A 20040130

Abstract (en)
[origin: WO2005072909A1] The invention relates to a device for finishing the steel edge of a ski (1). Said device comprises at least one grinding device (16), constituted of a pot-shaped grinding disk (18), driven by a motor (17) and having a rotational axis that runs at an angle to the direction of advance (10), a pedestal (15) disposed on an approach carriage (9), which has oscillating axis (b) for the grinding device (16) that runs at an angle to the direction of advance (10) and perpendicular to the rotational axis of the grinding disk (18). The device also comprises a guide (8) for the approach carriage (9), which is mounted in a cross-carriage (6) that can be displaced at an angle to the direction of advance (10) in a manner so as to be rotatable about an axis (a) that runs in the direction of advance, and an adjusting device for adjusting the relative position of the guide (8) of the approach carriage (9). In order to allow for an advantageous finishing of the steel edge, the adjusting device for the relative position of the guide (8) of the approach carriage (9) is provided with an actuating drive (11) that can be controlled using a control device depending on the position of the grinding process relative to the length of the ski.

IPC 8 full level
B24B 3/00 (2006.01); **A63C 11/06** (2006.01)

CPC (source: EP US)
A63C 11/06 (2013.01 - EP US); **B24B 3/006** (2013.01 - EP US)

Designated contracting state (EPC)
CH DE FR IT LI

DOCDB simple family (publication)
WO 2005072909 A1 20050811; AT 413802 B 20060615; AT A1362004 A 200501015; DE 502005000554 D1 20070516; EP 1708849 A1 20061011; EP 1708849 B1 20070404; US 2008242201 A1 20081002; US 7530879 B2 20090512

DOCDB simple family (application)
AT 2005000020 W 20050127; AT 1362004 A 20040130; DE 502005000554 T 20050127; EP 05700020 A 20050127; US 58700806 A 20060721