

Title (en)

A WORKING PLANT OF A SLIDING SURFACE OF A SKI

Title (de)

ARBEITENDE ANLAGE EINER GLEITFLÄCHE EINES SKIS

Title (fr)

LIGNE DE TRAITEMENT D'UNE SURFACE DE GLISSEMENT D'UN SKI

Publication

**EP 3412346 A1 20181212 (EN)**

Application

**EP 18171675 A 20180510**

Priority

IT 201700051621 A 20170512

Abstract (en)

A working plant of the sliding surface ( S ) of a ski ( C ) comprising: a rotating grinding wheel ( 2 ) whose operating surface ( 3 ) has a plurality of projections and depressions to make the grooves for water drainage from the sliding surface of the ski; a tool ( 4 ) configured to be in contact with the operating surface ( 3 ) of the grinding wheel ( 2 ) and make the projections and depressions thereon; a movement unit ( 5 ) of the tool ( 4 ) to manoeuvre it on the operating surface ( 3 ) of the grinding wheel ( 2 ); a logic control unit ( 8 ) operatively connected to the movement unit ( 5 ) and programmed to vary the processing depth of the tool ( 4 ) on the operating surface ( 3 ) of the grinding wheel ( 2 ) as a function of the rotation angle of the grinding wheel ( 2 ). The plant ( 1 ) further comprises data entry means ( 15 ) in the logic control unit ( 8 ) configured to insert graphic elements, drawings or the like to be reproduced on the sliding surface ( S ) of the ski ( C ) by means of the grinding wheel ( 2 ), the logic unit ( 8 ) controlling the movement unit ( 5 ) so as to vary also the distance along the longitudinal development axis of the grinding wheel ( 2 ) between the projections so that said projections have variable-pitch helical trajectories.

IPC 8 full level

**A63C 5/044** (2006.01); **A63C 11/04** (2006.01)

CPC (source: EP)

**A63C 5/044** (2013.01); **A63C 11/04** (2013.01)

Citation (search report)

- [X] WO 2013156837 A1 20131024 - SVECOM P E S R L [IT]
- [X] FR 2955280 A1 20110722 - PELIZZARI JEAN-LUC [FR]
- [X] DE 961335 C 19570404 - KNEISSL FRANZ
- [XP] EP 3257628 A1 20171220 - TECNOPOWER DI CAPELLI PAOLO [IT]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3412346 A1 20181212**; **EP 3412346 B1 20220309**; IT 201700051621 A1 20181112; MA 46251 A 20190724

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