

Title (en)

APPARATUS FOR MACHINING THE RUNNING EDGES OF A SPORTING DEVICE

Title (de)

VORRICHTUNG ZUM BEARBEITEN DER LAUFKANTEN EINES SPORTGERÄTS

Title (fr)

APPAREIL D'USINAGE DES BORDS DE ROULEMENT D'UN DISPOSITIF DE SPORT

Publication

EP 4301546 A1 20240110 (DE)

Application

EP 22708277 A 20220224

Priority

- AT 501452021 A 20210302
- AT 2022060051 W 20220224

Abstract (en)

[origin: WO2022183225A1] The invention relates to an apparatus for machining the running edges (12) of a sporting device (9), more particularly a ski or a snowboard, comprising a transport apparatus (6), which can be temporarily connected to the sporting device (9), for the automated movement of the sporting device (9) in a movement sequence having, at least in parts, a movement direction (X) substantially parallel to the longitudinal direction of the sporting device (9), wherein the following are located one behind the other in said movement sequence of the sporting device (9): - a lower-edge machining unit (2) for machining a lower surface (13) of at least one running edge (12), said lower surface laterally adjoining the running-surface covering (10) of the sporting device (9); - a lateral-edge machining unit (3) for machining a lateral surface (14) of the at least one running edge, said lateral surface adjoining the bottom of the lateral surface (24) of the sporting device (9); and - a deburring unit (4) for removing a burr (16) formed by the lateral-edge machining unit on the at least one running edge (12).

IPC 8 full level

B24B 3/00 (2006.01); **B24B 7/06** (2006.01); **B24B 7/10** (2006.01); **B24B 9/00** (2006.01); **B24B 9/04** (2006.01); **B24B 27/00** (2006.01)

CPC (source: AT EP US)

A63C 11/06 (2013.01 - AT US); **B24B 3/006** (2013.01 - AT EP US); **B24B 7/06** (2013.01 - EP); **B24B 7/10** (2013.01 - EP);
B24B 9/002 (2013.01 - EP); **B24B 9/04** (2013.01 - EP); **B24B 21/002** (2013.01 - US); **B24B 27/0023** (2013.01 - EP); **B24B 27/0084** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022183225 A1 20220909; AT 524765 A1 20220915; AT 524765 B1 20221015; EP 4301546 A1 20240110; US 2024051076 A1 20240215

DOCDB simple family (application)

AT 2022060051 W 20220224; AT 501452021 A 20210302; EP 22708277 A 20220224; US 202318241653 A 20230901