

Title (en)
SKATE BLADE SHARPENING SYSTEM AND METHOD OF ALIGNING A GRINDING COMPONENT IN A SKATE BLADE SHARPENING SYSTEM

Title (de)
KUFENSCHÄRFUNGSSYSTEM UND VERFAHREN ZUM AUSRICHTEN EINER SCHLEIFENKOMPONENTE IN EINEM
KUFENSCHÄRFUNGSSYSTEM

Title (fr)
SYSTÈME D'AFFÛTAGE DE LAME DE PATIN ET MÉTHODE D'ALIGNEMENT D'UN COMPOSANT DE MEULAGE DANS UN SYSTÈME
D'AFFÛTAGE DE LAME DE PATIN

Publication
EP 3209459 A2 20170830 (EN)

Application
EP 15791149 A 20151023

Priority

- US 201414523483 A 20141024
- US 201414523453 A 20141024
- US 201414523476 A 20141024
- US 201414523463 A 20141024
- US 201414523407 A 20141024
- US 201414523499 A 20141024
- US 201414523489 A 20141024
- US 201562129095 P 20150306
- US 201514723564 A 20150528
- US 201514805772 A 20150722
- US 2015057078 W 20151023

Abstract (en)
[origin: EP3915724A1] A skate blade sharpening system used to sharpen the blades of ice skates. The skate sharpener can include a housing that includes an elongated slot for receiving the blade of an ice skate for sharpening, and clamp jaws for retaining the skate. The housing can include at least one slot cover to engage the skate blade. Engagement of the skate blade can be sensed by a controller to enable sharpening operations to proceed. The skate blade sharpening system can automatically operate a grinding wheel and move the rotating grinding wheel back and forth along the lower face of the skate blade a desired number of times to sharpen the skate blade.

IPC 8 full level
B24B 3/00 (2006.01); **A63C 3/10** (2006.01); **B24B 9/04** (2006.01); **B24B 37/27** (2012.01); **B24B 41/06** (2012.01); **B24B 55/00** (2006.01)

CPC (source: EP)
A63C 1/42 (2013.01); **B24B 3/003** (2013.01); **B24B 9/04** (2013.01); **B24B 49/10** (2013.01); **B24B 49/186** (2013.01); **B24B 51/00** (2013.01)

Cited by
CN109623552A; CN112454066A

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

DOCDB simple family (publication)
EP 3915724 A1 20211201; **EP 3915724 B1 20240828**; EP 3209459 A2 20170830; EP 3209459 B1 20210428

DOCDB simple family (application)
EP 21170266 A 20151023; EP 15791149 A 20151023