

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

Title (de)  
SCHLITTSCHUHSCHLEIFSYSTEM UND VERFAHREN ZUM AUSRICHTEN EINER SCHLEIFKOMPONENTE IN EINEM SCHLITTSCHUHSCHLEIFSYSTEM

Title (fr)  
SYSTÈME DE AFFÛTAGE POUR PATINS À GLACE LAME ET PROCÉDÉ D'ALIGNEMENT UN COMPOSANT BROYAGE DANS UN SYSTÈME DE AFFÛTAGE POUR PATINS À GLACE

Publication  
**EP 3209459 B1 20210428 (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  
**A63C 1/42** (2006.01); **B24B 3/00** (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)  
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Cited by  
CN109623552A; CN112454066A

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