

Title (en)
ICE SKATE BLADE WITH PRE-APPLIED VARIABLE CURVATURE, VARIABLE STIFFNESS, AND MODULAR BOOT MOUNTING SYSTEM

Title (de)
SCHLITTSCHUHKUFE MIT VOREINGESTELLTER VARIABLEN KRÜMMUNG, VARIABLEN STEIFHEIT UND MODULARES SCHUHBEFESTIGUNGSSYSTEM

Title (fr)
LAME DE PATIN À GLACE À COURBURE VARIABLE PRÉ-APPLIQUÉE, RIGIDITÉ VARIABLE, ET SYSTÈME DE MONTAGE SUR CHAUSSURE MODULAIRE

Publication
EP 4003551 A4 20240410 (EN)

Application
EP 20848446 A 20200730

Priority
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• US 2020044361 W 20200730

Abstract (en)
[origin: WO2021022099A1] A skate blade has a tube (1) featuring a complex radiused slot (5) in which the runner (3) is placed, thereby imparting the complex radius to the runner (3). A uniform quick mounting structure is also provided, whereby a mounting cup (8) attached to the tube (1) is secured to a skate boot by interaction between a retention jib (11) and a mounting plate (10) that is located on the boot. This provides a uniform and repeatable attachment. Other features include harmonic dampening, adhesive retention features, boot alignment features.

IPC 8 full level
A63C 1/30 (2006.01); **A63C 1/06** (2006.01); **A63C 1/22** (2006.01); **A63C 1/32** (2006.01); **A63C 1/38** (2006.01); **A63C 1/42** (2006.01); **A63C 3/04** (2006.01)

CPC (source: EP US)
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Citation (search report)
• [XAY] US 6086084 A 20000711 - WEMMENHOVE GEERT [NL]
• [XAY] NL 1021122 C2 20040123 - BRAVER DAVID DEN [NL], et al
• [YA] KR 960007140 U 19960313
• See also references of WO 2021022099A1

Designated contracting state (EPC)
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