

Title (en)

Direction-holding profile for the sole of a shoe for gliding on compressed snow with device for walking without slipping

Title (de)

Richtung-haltendes Profil für die Schuhsohle zum Gleiten auf gepresstem Schnee mit Vorrichtung für rutschfreien Gang

Title (fr)

Profil de soutien de direction pour une semelle de chaussure pour glisser sur de la neige comprimée doté d'un dispositif pour la marche antidérapant

Publication

EP 2478787 A3 20121205 (DE)

Application

EP 12152214 A 20120124

Priority

DE 202011002131 U 20110124

Abstract (en)

[origin: EP2478787A2] The direction-maintaining unit has a device for slide-free movement. Grooves (1) and recesses (2) are present at the shoe sole in running direction parallel to each other. An independent claim is also included for an anti-slide strap.

IPC 8 full level

A43B 5/00 (2006.01); **A43B 3/00** (2006.01); **A43B 13/26** (2006.01); **A43C 15/08** (2006.01); **A43C 15/10** (2006.01); **A43C 15/12** (2006.01); **A63C 1/36** (2006.01); **A63C 3/12** (2006.01); **A63C 5/02** (2006.01)

CPC (source: EP)

A43B 3/0052 (2013.01); **A43B 5/005** (2013.01); **A43B 13/26** (2013.01); **A43C 15/08** (2013.01); **A43C 15/10** (2013.01); **A43C 15/12** (2013.01); **A63C 1/36** (2013.01)

Citation (search report)

- [X] DE 3542251 A1 19870604 - HAUPT LOTHAR HERBERT
- [X] US 3879864 A 19750429 - EXLEY GEORGE A
- [Y] CH 651478 A5 19850930 - HANNES JACOB
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- [Y] DE 19703012 C1 19980312 - KOCH EKKEHARD VON [DE]
- [Y] WO 2004071228 A1 20040826 - ROBINSON PETER [GB]
- [X] WO 2006095050 A1 20060914 - RAUTIO AARO [FI], et al
- [X] FR 2831030 A1 20030425 - GRIMMEISEN THEODORE [FR]

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)

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DOCDB simple family (application)

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