

Title (en)

An anti-ice and anti-snow bottom for application under the shoe sole

Title (de)

Eis- und Schneeschutzvorrichtung zur Benutzung unter der Sohle des Schuhes

Title (fr)

Semelle anti-glace et anti-neige à fixer sous la semelle d'une chaussure

Publication

**EP 1136009 A1 20010926 (EN)**

Application

**EP 01830202 A 20010323**

Priority

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- US 81322801 A 20010320

Abstract (en)

The present invention relates to an anti-ice and anti-snow bottom having a configuration similar to "box-type" shoe bottoms (1), with anti-slip tread (6) and straps (3,5) for application on the shoe (5). <IMAGE>

IPC 1-7

**A43C 15/06; A43B 3/16**

IPC 8 full level

**A43B 3/16** (2006.01); **A43C 15/06** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] US 5836090 A 19981117 - SMITH DOUGLAS N [US]
- [XA] FR 2709929 A1 19950324 - INOVA FRANCE [FR]
- [Y] FR 2423173 A1 19791116 - MICHEL MARTIAL [FR]
- [Y] US 3913243 A 19751021 - ARNOLD KENNETH E, et al
- [A] US 3009269 A 19611121 - FOLK JAMES S

Cited by

EP2465374A1; GB2409960A

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