

Title (en)

Footwear with retractable studs

Title (de)

Schuhwerk mit einziehbaren Spikes

Title (fr)

Chaussure avec clous rétractables

Publication

EP 1621093 A3 20060329 (EN)

Application

EP 05076598 A 20050708

Priority

US 90304004 A 20040730

Abstract (en)

[origin: EP1621093A2] Footwear having retractable studs (22) that provide enhanced traction on slippery surfaces when engaged. A pull cord (38) attached to a plate within the sole of the shoe allows the studs to engage. The working parts of the shoe can be easily taken apart for cleaning or de-icing. An alternative embodiment of the shoe has a mechanism similar to that of a conventional ball point pen which is used to effectively engage or retract the studs.

IPC 8 full level

A43C 15/14 (2006.01)

CPC (source: EP US)

A43C 15/14 (2013.01 - EP US)

Citation (search report)

- [DX] US 6058627 A 20000509 - VIOLETTE RICHARD R [US], et al
- [XY] DE 29719608 U1 19980122 - KAMPEN HENRY [DE]
- [Y] US 6125556 A 20001003 - PECKLER STEPHEN N [US], et al

Cited by

ITLU20110001A1; ITAN20120147A1; EP3590378A1; CN110680044A; US8347527B2; EP3165116A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1621093 A2 20060201; EP 1621093 A3 20060329; CA 2510291 A1 20060130; US 2006021254 A1 20060202

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EP 05076598 A 20050708; CA 2510291 A 20050527; US 90304004 A 20040730