

Title (en)
FOOTWEAR WITH RETRACTABLE SPIKES

Title (de)
SCHUHARTIKEL MIT EINZIEHBAREN SPIKES

Title (fr)
CHAUSSURE À CRAMPONS RÉTRACTABLES

Publication
EP 3364811 A4 20190619 (EN)

Application
EP 15906412 A 20151022

Priority
CA 2015000550 W 20151022

Abstract (en)
[origin: WO2017066860A1] An apparatus for selectively extending and retracting spikes includes spike actuating assemblies mounted to, and cooperating between, a first plate and a first slider frame, and a second plate and a second slider frame, pivotally mounted to the first plate and first slider frame respectively. Each spike actuating assembly contains a spike. The first slider frame is translatable to actuate the spike actuating assemblies to thereby extend and retract the spikes from the spike actuating assemblies. A cyclically alternating positioner is mounted on the first plate for moving the first and second slider frames relative to the first and second plates. The positioner has only a single actuating button adjacent the heel. Depressing the actuating button a first time causes the positioner to move the slider frames to extend the spikes. Depressing the actuating button a second time causes the positioner to move the slider frames to retract the spikes.

IPC 8 full level
A43C 15/14 (2006.01)

CPC (source: EP)
A43C 15/14 (2013.01)

Citation (search report)

- [YA] KR 20120058664 A 20120608 - TREKSTA INC [KR]
- [Y] CA 2761197 A1 20101111 - KICKSPIKE ENTPR LTD [CA]
- See references of WO 2017066860A1

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

DOCDB simple family (publication)
WO 2017066860 A1 20170427; CA 3041132 A1 20170427; CA 3041132 C 20230321; EP 3364811 A1 20180829; EP 3364811 A4 20190619

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