

Title (en)
Ice crampon for mountaineering with adjustable front point

Title (de)
Steigeisen zum Hochtouren mit verstellbarer Vorderzacke

Title (fr)
Crampon à glace pour l'alpinisme à pointe avant réglable

Publication
EP 2163167 B1 20120104 (FR)

Application
EP 09354037 A 20090911

Priority
FR 0805046 A 20080915

Abstract (en)
[origin: EP2163167A1] The spike has a metal frame (11) comprising a horizontal support plate (12) equipped with vertical anchoring points (14). A length adjusting unit adjusts length of a single blade or double blade front tip (13) between reversing and forward positions. The adjusting unit has orifices (20, 21) arranged in a middle part of the front tip for passing a fixation screw (22) in each position. A slide connection cooperates with a positioning crosspiece (24) integrated to the frame, where sliding of the connection corresponds to longitudinal displacement of the screw between the orifices.

IPC 8 full level
A43C 15/06 (2006.01)

CPC (source: EP US)
A43C 15/068 (2013.01 - EP US)

Cited by
DE102023202680B3

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2163167 A1 20100317; EP 2163167 B1 20120104; AT E539638 T1 20120115; FR 2935872 A1 20100319; FR 2935872 B1 20101001; US 2010064552 A1 20100318; US 8387283 B2 20130305

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