

Title (en)
Front device

Title (de)
Frontautomat

Title (fr)
Automate avant

Publication
EP 2574379 B1 20200930 (DE)

Application
EP 12405102 A 20120919

Priority
• CH 16052011 A 20110929
• CH 2502012 A 20120227

Abstract (en)
[origin: EP2574379A2] The front machine (1) has levers (5.1,5.2) with holding units (6.1,6.2) for holding ski boot in a toe portion. The levers are located around axes which are pivotally mounted, such that the holding units can be moved in transverse direction. The holding units are located at specific distance in retaining position. The levers are mounted by positive control (20) in retaining position, so that the levers are coupled within a dynamic range and can be moved in transverse direction and holding units are coupled on dynamic path in transverse direction.

IPC 8 full level
A63C 9/086 (2012.01); **A63C 9/085** (2012.01)

CPC (source: EP US)
A63C 9/0807 (2013.01 - EP US); **A63C 9/08528** (2013.01 - EP US); **A63C 9/08564** (2013.01 - EP US); **A63C 9/08571** (2013.01 - EP US); **A63C 9/086** (2013.01 - EP US); **A63C 9/22** (2013.01 - US)

Citation (examination)
• DE 2706111 A1 19780817 - FROER WERNER
• EP 1393783 A1 20040303 - LOOK FIXATIONS SA [FR]

Cited by
EP2813268A1; EP2965791A1; EP3566754A1; DE102013220722A1; AT513964A3; FR3019755A1; EP3878528A1; EP3928842A1; EP2929920A1; EP3851174A1; WO2022149986A1; US9220969B2; US9795862B2; US11338192B2

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)
EP 2574379 A2 20130403; **EP 2574379 A3 20141231**; **EP 2574379 B1 20200930**; CH 705579 A2 20130415; EP 3766550 A1 20210120; EP 3766550 B1 20240731; US 2013087992 A1 20130411; US 9526973 B2 20161227

DOCDB simple family (application)
EP 12405102 A 20120919; CH 2502012 A 20120227; EP 20192634 A 20120919; US 201213622861 A 20120919