

Title (en)
SKI BRAKE

Publication
EP 0366942 A3 19901212 (DE)

Application
EP 89118128 A 19890929

Priority
DE 3837379 A 19881103

Abstract (en)
[origin: EP0366942A2] The invention relates to a ski brake with two brake arms arranged on both sides of the ski, which are respectively formed with an adjoining pivot-shaft part and a holding arm made of an essentially Z-shaped round wire piece. In this connection, the pivot-shaft parts are aligned approximately at right angles to the longitudinal axis of the ski and approximately coaxially with one another and mounted on the upper side of the ski by means of a holding plate. Furthermore, the free ends of the holding arms are angled towards one another and serve as a bearing for a pedal which can be operated by the ski boot and which forms an arm of a toggle lever, the second arm of which is mounted firmly on the ski at a distance from the pivot-shaft parts and the toggle joint of which is formed by a pivot and slide bearing, the brake arms being pivotable, against elastic force, out of the braking position into a position parallel to the ski and, in relation to the ends of the holding arms, pivotable in towards the longitudinal axis of the ski into a position of readiness, and the pivoting-in taking place by means of a relative movement of the pedal in relation to the holding arms. To achieve the aim of developing and designing such a ski brake in such a manner that, while maintaining its specific advantages, a simplification of the pedal can be achieved, which on the one hand permits more economical manufacture and on the other hand increases the operational safety of the ski brake, the pedal (9, 29) has at least one operating element (15, 34) which is provided to interact with the angled sections (8, 28) of the holding arms (6, 26). <IMAGE>

IPC 1-7
A63C 7/10

IPC 8 full level
A63C 7/10 (2006.01)

CPC (source: EP US)
A63C 7/104 (2013.01 - EP US)

Citation (search report)

- [Y] FR 2516392 A1 19830520 - MARKER PATENTVERWERTUNGS GMBH [CH]
- [Y] EP 0045698 A1 19820210 - LOOK SA [FR]
- [A] US 4470614 A 19840911 - SEDLMAIR GERHARD J [DE]
- [A] FR 2502965 A1 19821008 - TMC CORP [CH]
- [A] FR 2586578 A1 19870306 - SALOMON SA [FR]
- [A] DE 3106688 A1 19820909 - HANNES MARKER SICHERHEITS SKIB [DE]

Cited by
US5465995A; FR2716118A1; EP3135350A1; FR3040308A1; US9868047B2

Designated contracting state (EPC)
AT CH FR IT LI

DOCDB simple family (publication)
EP 0366942 A2 19900509; EP 0366942 A3 19901212; EP 0366942 B1 19931201; AT E97826 T1 19931215; CZ 277994 B6 19930714; CZ 618989 A3 19930317; DE 3837379 A1 19900510; DE 3837379 C2 19971023; JP H02177981 A 19900711; US 5033766 A 19910723

DOCDB simple family (application)
EP 89118128 A 19890929; AT 89118128 T 19890929; CS 618989 A 19891101; DE 3837379 A 19881103; JP 28600089 A 19891101; US 43104589 A 19891102