

Title (en)

MACHOIRE AVANT

Publication

**EP 0365861 B1 19920729 (DE)**

Application

**EP 89117920 A 19890928**

Priority

AT 248088 A 19881007

Abstract (en)

[origin: WO9003830A1] Front clamp with two lateral rectangular levers (315a, 315b) which can swing out against the force of a releasing spring (306), arranged in a housing (305) and through which extends a drawbar (307). A simple way to cause the releasing spring (306) to be pretensioned in the case of a backward twisting fall, thereby reducing the effort of the swingable rectangular lever (315a or 315b), the two shorter arms of the rectangular levers (315a, 315b) are actuated by an angular intermediate lever (310) carried in the lower part of the housing (305) on a first swivelling axis (309) via the drawbar (307) of the releasing spring (306).

IPC 1-7

**A63C 9/085**

IPC 8 full level

**A63C 9/085** (2006.01); **A63C 9/00** (2006.01); **A63C 9/08** (2006.01)

CPC (source: EP US)

**A63C 9/08521** (2013.01 - EP US); **A63C 9/08542** (2013.01 - EP US); **A63C 9/08564** (2013.01 - EP US); **A63C 9/08571** (2013.01 - EP US); **A63C 9/001** (2013.01 - EP US); **A63C 9/0805** (2013.01 - EP US)

Cited by

AT398386B; WO9417871A1; WO9417872A1

Designated contracting state (EPC)

CH DE FR LI

DOCDB simple family (publication)

**EP 0365861 A1 19900502**; **EP 0365861 B1 19920729**; AT 390889 B 19900710; AT A248088 A 19900115; DE 58901947 D1 19920903; EP 0408679 A1 19910123; EP 0408679 B1 19920624; JP H03500140 A 19910117; JP H0753184 B2 19950607; US 5205575 A 19930427; US 5328201 A 19940712; WO 9003830 A1 19900419

DOCDB simple family (application)

**EP 89117920 A 19890928**; AT 248088 A 19881007; DE 58901947 T 19890928; EP 8901131 W 19890927; EP 89910854 A 19890927; JP 51020689 A 19890927; US 49938790 A 19900606; US 99311892 A 19921218