

Title (en)
Vibration damper for skis

Title (de)
Dämpfer für fahrbedingte Skivibrationen

Title (fr)
Amortisseur de vibrations pour le ski

Publication
EP 0965368 B1 20040804 (DE)

Application
EP 98110927 A 19980615

Priority
EP 98110927 A 19980615

Abstract (en)
[origin: EP0965368A1] A damper for incorporating in a ski binding has a fluid filled chamber (1) into which is pushed a damper piston (K) and which is connected to an expansion chamber (G) by a variable flow valve (V). The valve element (7) can be a simple piezoelement connected to a dedicated power supply. The flowrate through the valve is regulated by a control circuit in response to movements of the damper. A sensor (12) on the damper provides accurate position signals and the piezoelement can be pulsed at varying rates to control the flowrate.

IPC 1-7
A63C 5/075

IPC 8 full level
A63C 5/075 (2006.01)

CPC (source: EP)
A63C 5/075 (2013.01)

Cited by
EP1388355A1; DE10137378A1; EP1186326A2; WO03049821A3

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