

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

Designated contracting state (EPC)  
AT CH DE FR IT LI

DOCDB simple family (publication)  
**EP 0965368 A1 19991222; EP 0965368 B1 20040804**; AT E272430 T1 20040815; DE 59811757 D1 20040909

DOCDB simple family (application)  
**EP 98110927 A 19980615**; AT 98110927 T 19980615; DE 59811757 T 19980615