

Title (en)  
REDUCING VELOCITY OF A ROLLING OBJECT

Publication  
**EP 0494185 A4 19920812 (EN)**

Application  
**EP 90914028 A 19900925**

Priority  
• AU PJ660989 A 19890929  
• AU 9000447 W 19900925

Abstract (en)  
[origin: WO9104771A1] A device (13) is provided for reducing the velocity of a passing rolling object (5) by absorbing kinetic energy therefrom. The object (5) can be a lawn bowl. The device (13) has co-operating means (18) which engage with the bowl to absorb kinetic energy without substantially altering the trajectory of the bowl. When used with a bowl it can reduce the length of a bowling rink whilst permitting a bowler to deliver the bowl as if playing on a full length rink. A bowling rink and a game of bowls using such device (13) are also disclosed.

IPC 1-7  
**A63D 3/00; A63D 5/00**

IPC 8 full level  
**A63D 3/00** (2006.01); **A63D 5/00** (2006.01)

CPC (source: EP)  
**A63D 3/00** (2013.01); **A63D 5/00** (2013.01)

Citation (search report)  
• [X] DE 907635 C 19540329 - WALTER SCHERNER  
• [Y] DE 46070 C  
• [Y] US 1388239 A 19210823 - WALTER CHOINSKI  
• [A] US 2798723 A 19570709 - PAUL CUSANO  
• See references of WO 9104771A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9104771 A1 19910418**; AT E128375 T1 19951015; CA 2066215 A1 19910330; CA 2066215 C 19980331; DE 69022734 D1 19951102;  
DE 69022734 T2 19960523; EP 0494185 A1 19920715; EP 0494185 A4 19920812; EP 0494185 B1 19950927; ES 2077689 T3 19951201;  
NZ 235484 A 19930326

DOCDB simple family (application)  
**AU 9000447 W 19900925**; AT 90914028 T 19900925; CA 2066215 A 19900925; DE 69022734 T 19900925; EP 90914028 A 19900925;  
ES 90914028 T 19900925; NZ 23548490 A 19900927