

Title (en)

APPARATUS FOR ENHANCING VISUAL PERCEPTION OF SELECTED OBJECTS IN RECREATIONAL AND SPORTING ACTIVITIES

Title (de)

GERÄT ZUR ERHÖHUNG DER VISUELLEN WAHRNEHMUNG AUSGEWÄHLTER OBJEKTE FÜR SPORT- UNDFREIZEITAKTIVITÄTEN

Title (fr)

APPAREIL DESTINE A AMELIORER LA PERCEPTION VISUELLE D'OBJETS SELECTIONNES DANS DES ACTIVITES RECREATIVES ET SPORTIVES

Publication

**EP 0956515 A4 20000503 (EN)**

Application

**EP 96943709 A 19961212**

Priority

- US 9619761 W 19961212
- US 28844994 A 19940810

Abstract (en)

[origin: WO9826326A1] To enhance perception of a yellow tennis ball (706) while playing or watching a tennis game, the game is viewed through an optical filter mounted between the participant (704) or spectator (708) and the ball (706). The optical filter has predetermined transmittance having a pronounced peak centered substantially around 500 to 600 Nanometers that passes a high percentage of incident light reflected and fluoresced by the tennis ball (706), but passes a substantially lower percentage of light in the remaining portion of the visible spectrum.

IPC 1-7

**G02C 7/02**; **G02B 5/22**; **G02C 7/10**

IPC 8 full level

**G02C 7/02** (2006.01); **G02B 5/20** (2006.01); **G02B 5/22** (2006.01); **G02C 7/10** (2006.01); **A63B 43/00** (2006.01)

CPC (source: EP KR)

**G02B 5/20** (2013.01 - EP); **G02C 7/02** (2013.01 - KR); **G02C 7/104** (2013.01 - EP); **A63B 43/008** (2013.01 - EP)

Citation (search report)

- [A] US 5408278 A 19950418 - CHRISTMAN ERNEST H [US]
- [A] US 3877797 A 19750415 - THORNTON JR WILLIAM A
- [A] US 4872749 A 19891010 - LUMMIS DAVID J [GB], et al
- See references of WO 9826326A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9826326 A1 19980618**; AU 1287497 A 19980703; AU 740674 B2 20011108; BR 9612806 A 20000201; CA 2273166 A1 19980618; CA 2273166 C 20070123; EP 0956515 A1 19991117; EP 0956515 A4 20000503; JP 2001506012 A 20010508; KR 100457831 B1 20041118; KR 20000057527 A 20000925

DOCDB simple family (application)

**US 9619761 W 19961212**; AU 1287497 A 19961212; BR 9612806 A 19961212; CA 2273166 A 19961212; EP 96943709 A 19961212; JP 52660198 A 19961212; KR 19997005234 A 19961212