

Title (en)  
AN INFLATABLE BALL BLADDER WITH TWO DUAL FUNCTION VALVES AND A WIRED RECHARGEABLE ELECTRONIC COMPONENT

Title (de)  
AUFBLASBARE BALLBLASE MIT ZWEI DOPPELFUNKTIONSVENTILEN UND EINER DRAHTGEBUNDENEN WIEDERAUFLADBAREN ELEKTRONISCHEN KOMPONENTE

Title (fr)  
VESSIE DE BALLON GONFLABLE COMPORTANT DEUX SOUPAPES À DOUBLE FONCTION ET UN COMPOSANT ÉLECTRONIQUE RECHARGEABLE CÂBLÉ

Publication  
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Application  
**EP 17020540 A 20171118**

Priority  
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Abstract (en)  
The invention relates to an inflatable ball bladder with two dual function valves (3) and a wired rechargeable electronic component (5). It provides an elastic cable (1) anchor mechanism to encapsulate an electronic device at the center of the bladder. The bladder includes an electrical connection in communication with the electronic device for charging the device as well as for exchanging data. The electronic device (5) comprises a sensor to sense speed, location, acceleration, and trajectory of the ball.

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Citation (applicant)  
• DE 20004174 U1 20010719 - BRAUN HARTMUT [DE], et al  
• DE 10029459 A1 20010920 - CAIROS TECHNOLOGIES AG [DE]  
• WO 9720449 A1 19970605 - SOUND BALL [FR], et al

Citation (search report)  
• [XY] EP 1637192 A1 20060322 - ADIDAS INT MARKETING BV [NL]  
• [YD] DE 20004174 U1 20010719 - BRAUN HARTMUT [DE], et al  
• [Y] EP 1666916 A2 20060607 - FORBES WILLIAM [GB]  
• [Y] WO 0110512 A1 20010215 - MAGON KAUSHALYA DEVI [IN], et al  
• [Y] WO 2004026411 A1 20040401 - CRUCIANI GABRIELE [IT]  
• [Y] CN 106310615 A 20170111 - WUHAN HUIDONG LEZHI TECH CO LTD  
• [Y] US 5725445 A 19980310 - KENNEDY MELVIN [US], et al  
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