

Title (en)  
 DEVICE, SYSTEM AND METHOD FOR IMPROVED VISUALLY IMPAIRED SPECTATOR EXPERIENCE

Title (de)  
 VORRICHTUNG, SYSTEM UND VERFAHREN FÜR VERBESSERTE ERFAHRUNG SEHBEHINDERTER ZUSCHAUER

Title (fr)  
 DISPOSITIF, SYSTÈME ET PROCÉDÉ PERMETTANT UNE MEILLEURE EXPÉRIENCE POUR UN SPECTATEUR SOUFFRANT D'UNE DÉFICIENCE VISUELLE

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Abstract (en)  
 [origin: WO2015119507A1] Device, system and method for improved visually impaired spectator experiencecomprising recognizing the position of an event of a game on a game field on a tactile map where the tactile map comprising parcels or group of parcels, Fig. 5b

IPC 8 full level  
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Citation (search report)  
 • [I] GB 2477431 A 20110803 - DEWHURST DAVID CHARLES [GB]  
 • [I] US 2013194402 A1 20130801 - AMEDI AMIR [IL], et al  
 • [I] US 2007114720 A1 20070524 - IBACH JAMES R [US]  
 • [A] US 2013016175 A1 20130117 - ALBERTH WILLIAM P [US], et al  
 • [A] WO 0176711 A1 20011018 - PODIA GROUP PLC [GB], et al  
 • [A] WO 2011070528 A2 20110616 - SPORTS PREDICTIONS APPS [DK], et al  
 • [I] CAPORUSSO N ET AL: "A Multimodal Interface Device for Online Board Games Designed for Sight-Impaired People", IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIOMEDICINE, IEEE SERVICE CENTER, LOS ALAMITOS, CA, US, vol. 14, no. 2, 1 March 2010 (2010-03-01), pages 248 - 254, XP011345655, ISSN: 1089-7771, DOI: 10.1109/TITB.2009.2034739  
 • [I] ANDREAS HUB: "Precise Indoor and Outdoor Navigation for the Blind and Visually Impaired Using Augmented Maps and the TANIA System", 11 July 2008 (2008-07-11), XP055381546, Retrieved from the Internet <URL:http://www.sfb716.uni-stuttgart.de/uploads/tx\_vispublications/vision08-tania-hub.pdf> [retrieved on 20170614]  
 • [I] ANDREAS HUB: "Guiding Grids in Augmented Maps for Precise Installation-Free Worldwide Blind Navigation", 1 January 2008 (2008-01-01), XP055381548, Retrieved from the Internet <URL:http://www.sfb716.uni-stuttgart.de/uploads/tx\_vispublications/vision08-tania-hub.pdf> [retrieved on 20170614]  
 • [I] LEE BEOM-CHAN ET AL: "Immersive Live Sports Experience with Vibrotactile Sensation", 12 September 2005, NETWORK AND PARALLEL COMPUTING; [LECTURE NOTES IN COMPUTER SCIENCE; LECT.NOTES COMPUTER], SPRINGER INTERNATIONAL PUBLISHING, CHAM, PAGE(S) 1042 - 1045, ISBN: 978-3-642-38591-9, ISSN: 0302-9743, XP047365447  
 • See references of WO 2015119507A1

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