Title (en)
THREE-DIMENSIONAL AUGMENTED REALITY OBJECT USER INTERFACE FUNCTIONS

Title (de)
BENUTZERSCHNITTSTELLENFUNKTIONEN EINES DREIDIMENSIONALEN OBJEKTS DER ERWEITERTEN REALITÄT

Title (fr)
FONCTIONS D'INTERFACE UTILISATEUR D'OBJET DE RÉALITÉ AUGMENTÉE TRIDIMENSIONNEL

Publication
EP 3563568 A4 20201111 (EN)

Application
EP 18734014 A 20180102

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Abstract (en)
[origin: CN110140100A] There is disclosed an apparatus comprising processor and memory and a three- dimensional object bearing at least two, unique fiducial markers, the processor executing instructions which cause the processor to generate a three-dimensional environment including a user interface element for interacting with the three-dimensional environment, detect rotational movement of the three-dimensional physical object using the at least two unique fiducial markers, and update the user interface element within the three-dimensional environment based upon the rotational movement of the three-dimensional physical object.

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G06F 3/011 (2013.01); G06F 3/016 (2013.01); G06F 3/0317 (2013.01); G06F 3/048 (2013.01)

Citation (search report)
• [XI] US 2005264555 A1 20051201 - ZHOU ZHI Y [SG], et al
• [XI] WO 2010124333 A1 20101104 - JUMBUCK ENTERTAINMENT LTD [AU], et al
• [XI] US 2011065496 A1 20110317 - GAGNER MARK B [US], et al
• [XI] US 2005289590 A1 20051229 - CHEOK ADRIAN D [SG], et al
• [XI] WO 2014194191 A1 20141204 - ANKI INC [US]
• See references of WO 2018126281A1

Designated contracting state (EPC)
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CN 110140100 A 20190816; CN 110140100 B 20200228; EP 3563568 A1 20191106; EP 3563568 A4 20201111

DOCDB simple family (application)
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