

Title (en)  
VIRTUAL REALITY HAND GESTURE GENERATION

Title (de)  
ERZEUGUNG VON HANDGESTEN DER VIRTUELLEN REALITÄT

Title (fr)  
GÉNÉRATION DE GESTES DE LA MAIN DE RÉALITÉ VIRTUELLE

Publication  
**EP 3807747 A4 20220309 (EN)**

Application  
**EP 19822879 A 20190517**

Priority

- US 201862687780 P 20180620
- US 201816195718 A 20181119
- US 2019032928 W 20190517

Abstract (en)  
[origin: WO2019245681A1] A method including receiving at least one of touch data or force data representing a touch input received at the controller, determining one or more model(s), generating image data using the one or more models, the image data representing at least a hand gesture corresponding to the touch input received at the controller, and transmitting the image data to a virtual reality (VR) environment for display.

IPC 8 full level  
**A63F 13/218** (2014.01); **A63F 13/00** (2014.01); **A63F 13/213** (2014.01); **A63F 13/214** (2014.01); **A63F 13/428** (2014.01); **G06F 3/01** (2006.01); **G06F 3/041** (2006.01)

CPC (source: EP KR)  
**A63F 13/213** (2014.09 - EP KR); **A63F 13/214** (2014.09 - EP); **A63F 13/218** (2014.09 - EP); **A63F 13/428** (2013.01 - EP KR); **G06F 3/011** (2013.01 - EP); **G06F 3/014** (2013.01 - EP KR); **G06F 3/017** (2013.01 - EP KR); **G06F 3/0304** (2013.01 - EP KR); **G06F 3/03547** (2013.01 - KR); **G06F 3/14** (2013.01 - KR); **G06N 20/00** (2019.01 - KR)

Citation (search report)

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- [A] US 2018104576 A1 20180419 - HOPE ERIC JAMES [US], et al
- [XYI] MAYER, SVEN ET AL: "Estimating the Finger Orientation on Capacitive Touchscreens Using Convolutional Neural Networks", PROCEEDINGS OF THE 2017 ACM INTERNATIONAL CONFERENCE ON INTERACTIVE SURFACES AND SPACES, ACM-PUB27, NEW YORK, NY, USA, 17 October 2017 (2017-10-17), pages 220 - 229, XP058458482, ISBN: 978-1-4503-4691-7, DOI: 10.1145/3132272.3134130
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Citation (examination)

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- See also references of WO 2019245681A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2019245681 A1 20191226**; CN 112437909 A 20210302; EP 3807747 A1 20210421; EP 3807747 A4 20220309; JP 2021527896 A 20211014; JP 7337857 B2 20230904; KR 20210021533 A 20210226

DOCDB simple family (application)  
**US 2019032928 W 20190517**; CN 201980041061 A 20190517; EP 19822879 A 20190517; JP 2020570736 A 20190517; KR 20217001241 A 20190517