

Title (en)

APPARATUS AND METHOD FOR TRACKING A LIGHT POINTER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM VERFOLGEN EINES LICHTZEIGERS

Title (fr)

APPAREIL ET PROCÉDÉ POUR SUIVI DE POINTEUR LUMINEUX

Publication

**EP 2208112 A4 20120627 (EN)**

Application

**EP 08847393 A 20081023**

Priority

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- US 93674607 A 20071107
- US 93673707 A 20071107

Abstract (en)

[origin: WO2009061620A1] A dual-mode projection apparatus has a projection module for projecting an image onto a projection surface. An image sensor module captures images of the projection surface and determines spatial and temporal characteristics of a visible light spot superimposed on the projection surface. A communications module transmits the spatial and temporal characteristics of the visible light spot to a remote device for remote control of the device based on the spatial and temporal characteristics of the visible light spot.

IPC 8 full level

**G06F 3/033** (2006.01); **G02B 27/20** (2006.01); **G06F 3/03** (2006.01); **G06F 3/038** (2013.01); **H04N 9/31** (2006.01)

CPC (source: EP US)

**A63F 13/213** (2014.09 - US); **A63F 13/22** (2014.09 - US); **A63F 13/235** (2014.09 - US); **A63F 13/24** (2014.09 - US); **A63F 13/42** (2014.09 - US); **G06F 3/0304** (2013.01 - EP); **G06F 3/0386** (2013.01 - EP); **H04N 9/31** (2013.01 - EP); **H04N 9/3179** (2013.01 - EP); **H04N 9/3194** (2013.01 - EP); **A63F 13/213** (2014.09 - EP); **A63F 13/22** (2014.09 - EP); **A63F 13/235** (2014.09 - EP); **A63F 13/24** (2014.09 - EP); **A63F 13/42** (2014.09 - EP); **A63F 2300/1018** (2013.01 - EP); **A63F 2300/1031** (2013.01 - EP); **A63F 2300/1043** (2013.01 - EP); **A63F 2300/1087** (2013.01 - EP); **A63F 2300/1093** (2013.01 - EP); **A63F 2300/6045** (2013.01 - EP); **G02B 27/20** (2013.01 - EP)

Citation (search report)

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- [X] US 2007115254 A1 20070524 - WU CHENG-HAN [TW]
- [X] US 2005270494 A1 20051208 - BANNING ERIK J [US]
- See references of WO 2009061619A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2009061620 A1 20090514**; CN 101896867 A 20101124; CN 101896867 B 20120125; CN 101919241 A 20101215; CN 101919241 B 20130918; EP 2208112 A2 20100721; EP 2208112 A4 20120627; EP 2218252 A1 20100818; EP 2218252 A4 20130227; TW 200933452 A 20090801; TW 200935164 A 20090816; TW I375898 B 20121101; TW I400554 B 20130701; WO 2009061619 A2 20090514; WO 2009061619 A3 20090806

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