

Title (en)

SYSTEM AND METHOD FOR DISPLAYING MULTIPLE IMAGES/VIDEOS ON A SINGLE DISPLAY

Title (de)

SYSTEM UND VERFAHREN ZUR ANZEIGE VON MEHREREN BILDERN/VIDEOS AUF EINER EINZIGEN ANZEIGE

Title (fr)

SYSTÈME ET PROCÉDÉ D’AFFICHAGE DE MULTIPLES IMAGES/VIDÉOS SUR UN SEUL DISPOSITIF D’AFFICHAGE

Publication

**EP 2401736 A2 20120104 (EN)**

Application

**EP 10746750 A 20100224**

Priority

- US 2010025202 W 20100224
- US 15510009 P 20090224

Abstract (en)

[origin: WO2010099178A2] A system and method for displaying multiple images on a single display. A plurality of unique video sources may be provided where each video source provides video frames having a plurality of vertical lines. A portion of the vertical lines are captured for each video source and transmitted to the display. The partial video frames may then be re-assembled into a single video frame which can be shown on the display. The display contains a masking where only certain vertical lines are viewable at certain angles. The masking may allow two or three images to be simultaneously visible to the observer, depending on the angle of viewing the display. Wireless or wired transmission may be used. Some embodiments also use a sound focusing device which may be synced with the video source so that separate sound messages can also be observed depending on the angle of viewing the display.

IPC 8 full level

**G09G 3/20** (2006.01); **G09F 9/30** (2006.01); **G09G 3/00** (2006.01)

CPC (source: EP KR)

**G09F 9/30** (2013.01 - KR); **G09F 19/14** (2013.01 - EP); **G09G 3/003** (2013.01 - EP); **G09G 3/20** (2013.01 - KR); **H04N 5/445** (2013.01 - EP); **H04N 21/234363** (2013.01 - EP); **H04N 21/41415** (2013.01 - EP); **H04N 21/4316** (2013.01 - EP); **H04N 21/4622** (2013.01 - EP); **H04N 21/47** (2013.01 - EP); **H04N 21/812** (2013.01 - EP); **G09G 2352/00** (2013.01 - EP); **G09G 2370/20** (2013.01 - EP); **G09G 2380/06** (2013.01 - EP); **H04R 1/403** (2013.01 - EP); **H04R 2217/03** (2013.01 - EP); **H04R 2499/15** (2013.01 - EP)

Cited by

US10319408B2; US10510304B2; US10319271B2; US10922736B2; US10269156B2; US10313037B2; US10467610B2; US10756836B2; US11895362B2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010099178 A2 20100902**; **WO 2010099178 A3 20101118**; AU 2010218074 A1 20110922; CA 2753422 A1 20100902; CN 102422339 A 20120418; EP 2401736 A2 20120104; EP 2401736 A4 20121128; IL 214817 A0 20111130; JP 2012518815 A 20120816; KR 20110118177 A 20111028; RU 2011139150 A 20130410

DOCDB simple family (application)

**US 2010025202 W 20100224**; AU 2010218074 A 20100224; CA 2753422 A 20100224; CN 201080018256 A 20100224; EP 10746750 A 20100224; IL 21481711 A 20110824; JP 2011552124 A 20100224; KR 20117022219 A 20100224; RU 2011139150 A 20100224