Title (en)
METHOD OF VIDEO ENHANCEMENT

Title (de)
VERFAHREN ZUR VIDEOVERSTÄRKUNG

Title (fr)
PROCÉDÉ DE MODIFICATION D'UNE VIDÉO

Publication
EP 3028244 A4 20170104 (EN)

Application
EP 13890044 A 20130726

Priority
US 2013052236 W 20130726

Abstract (en)
[origin: WO2015012857A1] A system and method for enhancing a stream of video images in real-time. A primary stream of video images of a real event is obtained using broadcast video cameras. That primary stream also contains images of a display-object that change in appearance during the broadcast. At the same time, a stream of images of an agent-object is obtained. This may, for instance, be an animated computer-generated figure and may be stored on a local computer hard drive. The animated figure is choreographed and synchronized to be in time with the change of appearance of the display-object. By combining the primary and secondary image streams using match-moving technology, a composite stream is formed in which the agent-object appears to be causally linked to the display-object.

IPC 8 full level
H04N 21/234 (2011.01); **H04N 7/025** (2006.01); **H04N 21/2187** (2011.01); **H04N 21/81** (2011.01)

CPC (source: EP)
G11B 27/031 (2013.01); **H04N 21/2187** (2013.01); **H04N 21/23412** (2013.01); **H04N 21/23418** (2013.01); **H04N 21/812** (2013.01); **H04N 21/816** (2013.01)

Citation (search report)
- [Y] US 2013019261 A1 20130117 - HUBER THOMAS [US], et al
- [Y] WO 2005076598 A1 20050818 - MYHR GUNNAR [NO]
- See references of WO 2015012857A1

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 2015012857 A1 20150129; CA 2983741 A1 20150129; CA 2983741 C 20200602; EP 3028244 A1 20160608; EP 3028244 A4 20170104; MX 2016001128 A 20170113; MX 365248 B 20190528

DOCDB simple family (application)
US 2013052236 W 20130726; CA 2983741 A 20130726; EP 13890044 A 20130726; MX 2016001128 A 20130726