

Title (en)

System for and method of visualizing images to viewers in motion

Title (de)

Anzeigevorrichtung zur Darstellung von Bildern an bewegliche Beobachter

Title (fr)

Système d'affichage d'images à l'intention d'observateurs en mouvement

Publication

EP 1550992 A1 20050706 (EN)

Application

EP 03104986 A 20031229

Priority

EP 03104986 A 20031229

Abstract (en)

A system for visualizing one or more images to one or more viewers in motion comprises: (a) means (18,19) for receiving a series of at least one original images; (b) an extended span of screen (13); (c) a sequence of projectors (121-12n) mounted along the said screen (13); (d) means (111) for dividing the frame of each image in the said series of original images into a number of sub-images and shifting the dividing lines on the frame of each image, frame by frame, according to a function of the moving velocity of the said viewers, such that the said series of original images are split into a number of series of shifted sub-images; and (e) means for projecting each series of said shifted sub-images on the said screen separately by one of the corresponding said projectors (121-12n), such that one or more complete images are displayed on the said screen, and the display positions move on the said screen according to a function of the velocity of the said viewers. <IMAGE>

IPC 1-7

G09F 19/22; **G09F 19/18**; **G09F 27/00**

IPC 8 full level

G09F 19/18 (2006.01); **G09F 19/22** (2006.01); **G09F 27/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] EP 0386269 A1 19900912 - TOKIMOTO TOYOTARO [JP]
- [X] GB 2317985 A 19980408 - COWIN TIMOTHY ROBERT KERMODE [GB]
- [A] WO 03041038 A1 20030515 - TRAIN RUSSELL H [CA], et al
- [A] WO 9407233 A1 19940331 - TUNNELVISION AB [SE], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 0144, no. 94 (P - 1123) 26 October 1990 (1990-10-26)

Cited by

CN109817120A; CN113393783A; CN109767709A; US2015073914A1; CN104424585A; EP2418639A3; CN103038807A; US8472865B2; WO2012019769A3; WO2011029935A3

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