

Title (en)
IMPROVED PAINT PROJECTION METHOD AND APPARATUS

Title (de)
VERBESSERTES VERFAHREN UND VERBESSERTE VORRICHTUNG ZUR FARBPROJEKTION

Title (fr)
PROCEDE DE PROJECTION DE PEINTURE AMELIORE ET DISPOSITIF CORRESPONDANT

Publication
EP 1661116 A4 20101201 (EN)

Application
EP 04801835 A 20040323

Priority
• US 2004008993 W 20040323
• US 49116003 P 20030729

Abstract (en)
[origin: WO2005017871A1] A method for a computer system includes posing a 3D model (500) in a first configuration, determining a first 2D (510) view of the 3D model in the first configuration, posing the 3D model in a second configuration (550), determining a second 2D (570) view of the 3D model in the second configuration, associating a first 2D image with the first 2D view of the model, associating a second 2D (570) image with the second 2D view of the model, associating a first set of surface parameters with a surface of the 3D model that is visible in the first 2D view in response to the first 2D image and the first configuration for the 3D model, and associating a second set of surface parameters with a surface of the 3D model that is visible in the second 2D view in response to the second 2D image and the second configuration for the 3D model.

IPC 8 full level
G09G 5/00 (2006.01); **G06T 11/00** (2006.01); **G06T 13/00** (2011.01)

CPC (source: EP)
G06T 11/001 (2013.01); **G06T 13/00** (2013.01); **G06T 19/20** (2013.01); **G06T 2219/016** (2013.01); **G06T 2219/2012** (2013.01); **G06T 2219/2016** (2013.01)

Citation (search report)
• [X] US 6268865 B1 20010731 - DANIELS ERIC [US], et al
• [A] US 2003048277 A1 20030313 - MAILLOT JEROME [CA], et al
• [A] US 5729704 A 19980317 - STONE MAUREEN C [US], et al
• [A] VAN WIJK J J ET AL: "Some issues in designing user interfaces to 3D raster graphics", COMPUTER GRAPHICS FORUM NETHERLANDS, vol. 4, no. 1, January 1985 (1985-01-01), pages 5 - 10, XP002606063, ISSN: 0167-7055
• [A] PEDERSEN H K ED - ASSOCIATION FOR COMPUTING MACHINERY: "A FRAMEWORK FOR INTERACTIVE TEXTURING ON CURVED SURFACES", COMPUTER GRAPHICS PROCEEDINGS 1996 (SIGGRAPH), NEW ORLEANS, AUG. 4 - 9, 1996; [COMPUTER GRAPHICS PROCEEDINGS (SIGGRAPH)], NEW YORK, NY : ACM, US, 4 August 1996 (1996-08-04), pages 295 - 302, XP000682745
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• See references of WO 2005017871A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005017871 A1 20050224; CA 2533451 A1 20050224; CN 1833271 A 20060913; CN 1833271 B 20100505; EP 1661116 A1 20060531; EP 1661116 A4 20101201; JP 2007500395 A 20070111; NZ 544937 A 20090331

DOCDB simple family (application)
US 2004008993 W 20040323; CA 2533451 A 20040323; CN 200480022225 A 20040323; EP 04801835 A 20040323; JP 2006521809 A 20040323; NZ 54493704 A 20040323