

Title (en)

SYSTEM AND METHOD FOR GENERATING PROCEDURAL TEXTURES WITH THE AID OF PARTICLES

Title (de)

SYSTEM UND VERFAHREN ZUR ERZEUGUNG PROZEDURALER TEXTUREN MITHILFE VON PARTIKELN

Title (fr)

SYSTÈME ET PROCÉDÉ DE GÉNÉRATION DE TEXTURES PROCÉDURALES À L'AIDE DE PARTICULES

Publication

EP 3022717 A1 20160525 (FR)

Application

EP 14767078 A 20140715

Priority

- FR 1301709 A 20130718
- IB 2014001327 W 20140715

Abstract (en)

[origin: WO2015008135A1] System for generating textures on an object on the basis of the particles emitted by a particles engine, comprising: - an access to data (11) of a particles emitter, of particles (12) emitted, of target object (13), of traces (14), and of graphical effects (15); - an animation simulation module (4) provided so as to perform a simulation of emission and of displacement for each of the particles provided; - a tracer module (5) provided for generating a trace on the surface of a target object corresponding to the displacement of a particle along said surface after an impact of the particle against the target object with the aid of the traces data and of the target object data; - a physical parameters integrator module (6) provided for generating a new set of textures for said object taking into account the data of the object, the data of each new or modified trace, and the data of the corresponding graphical effects. Corresponding method for generating textures.

IPC 8 full level

G06T 15/04 (2011.01)

CPC (source: EP US)

G06T 7/49 (2017.01 - EP US); **G06T 11/001** (2013.01 - US); **G06T 13/80** (2013.01 - US); **G06T 15/04** (2013.01 - EP US); **G06T 2210/21** (2013.01 - US); **G06T 2210/56** (2013.01 - EP US)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015008135 A1 20150122; CA 2917383 A1 20150122; CA 2917383 C 20230801; CA 3200133 A1 20150122; CA 3200133 C 20240227; EP 3022717 A1 20160525; FR 3008814 A1 20150123; FR 3008814 B1 20161223; JP 2016528615 A 20160915; JP 6486348 B2 20190320; US 11176714 B2 20211116; US 11688108 B2 20230627; US 2016247297 A1 20160825; US 2022108498 A1 20220407

DOCDB simple family (application)

IB 2014001327 W 20140715; CA 2917383 A 20140715; CA 3200133 A 20140715; EP 14767078 A 20140715; FR 1301709 A 20130718; JP 2016526718 A 20140715; US 201414905545 A 20140715; US 202117500725 A 20211013