

Title (en)
METHOD FOR SIMULATING WAVE PROPAGATION; SIMULATOR, COMPUTER PROGRAM AND RECORDING MEDIUM FOR IMPLEMENTING THE METHOD

Title (de)
VERFAHREN ZUR SIMULATION EINER WELLENAUSBREITUNG, SIMULATOR, COMPUTERPROGRAMM UND AUFZEICHNUNGSMEDIUM ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCEDE DE SIMULATION DE PROPAGATION D'ONDES; SIMULATEUR, PROGRAMME D'ORDINATEUR ET SUPPORT D'ENREGISTREMENT POUR LA MISE EN OEUVRE DU PROCEDE

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Application
EP 14815786 A 20141124

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Abstract (en)
[origin: WO2015079152A1] The invention relates to a method for simulating wave propagation which comprises: a) supplying data representing a three-dimensional scene (14); b) calculating primary beams (Pij) emitted in various directions of propagation; d) in accordance with a receiving point (P), calculating primary scattered beams (RdA, RdB), emitted by the surfaces of the objects in the scene that are reached by a primary beam. The power transported by the scattered beams (Rd) is calculated in accordance with the relative direction between the incident primary beam that reaches the surface of the object in question and the normal of said surface. The invention further relates to a simulator, computer program and recording medium for implementing the method.

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