

Title (en)

METHOD FOR ESTIMATING LIGHT SCATTERING

Title (de)

VERFAHREN ZUR SCHÄTZUNG VON LICHTSTREUUNG

Title (fr)

PROCEDE D'ESTIMATION DE DIFFUSION DE LA LUMIERE

Publication

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Application

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Abstract (en)

[origin: WO2011057997A2] The invention relates to a method for estimating the amount of light scattered by a heterogeneous participating medium (10). In order to improve the rendering while minimizing the necessary calculation times thereof, the method includes the steps of: estimating projection coefficients within a function base on the basis of light intensity reduction values estimated for a set (13) of points of said medium that are located along at least one direction (110) for emission of light by means of a light source (11), and estimating the amount thereof of light scattered by said medium (10) in at least one scattering direction (120) for said light on the basis of said estimated projection coefficients.

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