

Title (en)
METHOD FOR COMPUTATION OF LOCAL DENSITIES FOR VIRTUAL FIBERS

Title (de)
VERFAHREN ZUR BERECHNUNG DER LOKALEN DICHTEN VIRTUELLER FASERN

Title (fr)
PROCÉDÉ DE CALCUL DE DENSITÉS LOCALES POUR FIBRES VIRTUELLES

Publication
EP 4176415 A1 20230510 (EN)

Application
EP 20830001 A 20201201

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• NZ 2020050161 W 20201201

Abstract (en)
[origin: WO2022005302A1] An image generator generates images of a set of virtual fibers and effects thereon by processing representations of the set of fibers and computing representation of a virtual surface for a fiber clump in the set of virtual fibers from an artist parameter representing a desired artist effect, computing correlations of the vertices from a set of vertices based on associations of the vertices corresponding to the artist parameter, computing a set of relevant vertices using the correlations of the vertices, computing orthogonal gradients to produce a plurality of gradients using a selected vertex and the set of relevant vertices for the fiber clump, and computing the virtual surface of the fiber clump from the plurality of gradients.

IPC 8 full level
G06T 17/30 (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2022005302A1

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