

Title (en)  
AUTOMATED DANCE ANIMATION

Title (de)  
AUTOMATISIERTE TANZANIMATION

Title (fr)  
ANIMATION DE DANSE AUTOMATISÉE

Publication  
**EP 4038580 A1 20220810 (EN)**

Application  
**EP 20789423 A 20200925**

Priority

- US 201916588412 A 20190930
- US 201916588446 A 20190930
- US 201916588373 A 20190930
- US 201916588329 A 20190930
- US 2020070586 W 20200925

Abstract (en)  
[origin: WO2021067988A1] Methods, devices, media, and other embodiments are described for generating, modifying, and outputting pseudorandom animations that can be synchronized to audio data. In one embodiment, a computer animation model made up of comprising one or more control points is accessed by one or more processors, which associate motion patterns with a first control point of the one or more control points, and associate one or more speed harmonics with the first control point. A set of motion states is identify with a motion state for the combinations of possibilities, and a probability value is assigned to each motion state of the set of motion states. The probability value can be used to probabilistically determine a particular motion state to be part of displayed animation for the computer animation model.

IPC 8 full level  
**G06T 13/20** (2011.01)

CPC (source: CN EP KR)  
**G06T 7/246** (2016.12 - KR); **G06T 13/20** (2013.01 - CN KR); **G06T 13/205** (2013.01 - EP); **G06T 13/80** (2013.01 - CN KR); **G10L 25/57** (2013.01 - CN)

Citation (search report)  
See references of WO 2021067988A1

Designated contracting state (EPC)  
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**WO 2021067988 A1 20210408**; CN 114503165 A 20220513; EP 4038580 A1 20220810; KR 20220074912 A 20220603

DOCDB simple family (application)  
**US 2020070586 W 20200925**; CN 202080068708 A 20200925; EP 20789423 A 20200925; KR 20227014193 A 20200925