

Title (en)  
VOICE DRIVEN MOUTH ANIMATION SYSTEM

Title (de)  
SPRACHGESTEUERTES MUND-ANIMATIONSSYSTEM

Title (fr)  
SYSTEME D'ANIMATION DE LA BOUCHE MU PAR LA VOIX

Publication  
**EP 1147516 A1 20011024 (EN)**

Application  
**EP 00900764 A 20000125**

Priority  
• IB 0000067 W 20000125  
• ZA 99602 A 19990127

Abstract (en)  
[origin: WO0045380A1] An animation system includes a voice engine which processes audio input signals, typically speech signals, and converts them to a digital signal for processing. The digital signal is analysed to generate a value characteristic of each sample of the input signal and which is related to the maximum amplitude of the sample. The voice engine compares each value obtained in this way to the number of possible predetermined value ranges corresponding to a predetermined graphic showing a mouth position, and thus matches the input speech signal to a variety of possible mouth positions. The mouth graphics are superimposed on an image of a character substantially in real-time, providing an animated display of a character with its mouth synchronised to the input speech signal.

IPC 1-7  
**G10L 21/06**

IPC 8 full level  
**G10L 21/10** (2013.01)

CPC (source: EP)  
**G10L 21/10** (2013.01); **G10L 2021/105** (2013.01)

Citation (search report)  
See references of WO 0045380A1

Cited by  
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**WO 0045380 A1 20000803**; **WO 0045380 A9 20010726**; AU 3069200 A 20000818; EP 1147516 A1 20011024

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