

Title (en)

System for and method of synthesizing singing in real time.

Title (de)

Vorrichtung und Verfahren zur Synthetisierung von Gesang in Echtzeit.

Title (fr)

Dispositif et méthode pour synthétiser le chant en temps réel.

Publication

EP 0396141 A2 19901107 (EN)

Application

EP 90108393 A 19900503

Priority

US 34736789 A 19890504

Abstract (en)

A system for synthesizing singing in real time, comprises a plurality of manually actuatable keys (1) for producing different first electrical signals corresponding to each of the plurality of keys actuated and varying in real time with duration and frequency of actuation, a musical instrument digital interface (MIDI) (15) receptive of the electrical signals from the plurality of manually actuatable keys (1) for generating standard data output signals in real time for musical notes corresponding to the first electrical signals, a phoneme speech synthesizer (17) receptive of phoneme codes for generating real time analog signals corresponding to a singing voice and a translator (10, 12, 13) receptive of the MIDI output signals for converting same in real time to phoneme codes and for applying same to the speech synthesizer (17) in real time.

IPC 1-7

G10H 5/00; **G10L 5/04**

IPC 8 full level

G10H 5/00 (2006.01); **G10L 13/02** (2013.01)

CPC (source: EP)

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Cited by

EP2733696A1; EP0729130A3; US5857171A; EP0723256A3; US5955693A; US10002604B2

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