

Title (en)

Capacitive pressure-sensing method and apparatus.

Title (de)

Verfahren und Vorrichtung zum kapazitiven Druckfühlen.

Title (fr)

Méthode et dispositif pour détection capacitive de pression.

Publication

EP 0286747 B1 19941214 (EN)

Application

EP 87303298 A 19870415

Priority

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Abstract (en)

[origin: EP0286747A1] A novel capacitive pressure-sensitive sensing technique and apparatus wherein an elastomeric conductive electrode (1) carrying a two-dimensional array of projections (1') is pressure-deformed against a fixed coextensive cooperative electrode (3) to generate signals, such as tones and sounds in the application to musical instruments, or visual representations, corresponding to the dynamic pressures applied over the two-dimensional surface. A novel drum-like and other musical instruments embodying such novel capacitive sensing techniques and the like.

IPC 1-7

G10H 1/055

IPC 8 full level

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CPC (source: EP)

G10H 1/0551 (2013.01)

Cited by

US2021142771A1; US11636837B2; DE10314591B4; US5265516A; CN106461473A; CN114279599A; GB2584088A; EP0859467A1; US5917165A; EP2062817A3; CN105105898A; EP0414540A1; CN114235225A; WO2011020869A1; WO2022026651A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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