

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

EP 87303298 A 19870415

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

**G10H 1/055** (2006.01)

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

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**EP 0286747 A1 19881019; EP 0286747 B1 19941214**; AU 597059 B2 19900524; AU 7264887 A 19881110; DE 3750876 D1 19950126; DE 3750876 T2 19950727

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