

Title (en)

DEVICE FOR PRODUCING HIGH-FREQUENCY VIBRATIONS AND METHOD FOR OPERATING SAID DEVICE

Title (de)

VORRICHTUNG ZUM ERZEUGEN VON HOCHFREQUENTEN SCHWINGUNGEN SOWIE VERFAHREN ZU DEREN BETREIBEN

Title (fr)

DISPOSITIF POUR GÉNÉRER DES VIBRATIONS À HAUTE FRÉQUENCE ET PROCÉDÉ POUR FAIRE FONCTIONNER CE DISPOSITIF

Publication

EP 2331268 B1 20190717 (DE)

Application

EP 09783445 A 20090925

Priority

- EP 2009062477 W 20090925
- DE 102008042419 A 20080926

Abstract (en)

[origin: WO2010034828A2] Proposed are devices (1; 101; 201; 301; 401; 501; 601; 701; 801; 901; 1001) for generating high-frequency vibrations, said devices comprising at least one ultrasound converter (12) and at least one ultrasound oscillator (20; 120) connected to the ultrasound converter (12), wherein a sleeve (25; 125) is fastened to the periphery of the ultrasound oscillator (20; 120). These devices are characterized in particular by individual element geometries that allow the sleeve to excite transverse vibrations in particular, said vibrations then able to be used for various purposes.

IPC 8 full level

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CPC (source: EP)

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