

Title (en)  
SHOCK WAVE GENERATOR

Publication  
**EP 0298334 B1 19910612 (DE)**

Application  
**EP 88110225 A 19880627**

Priority  
DE 8709363 U 19870707

Abstract (en)  
[origin: EP0298334A1] Shock-wave generator for treating concrements in the body of a patient, with a fluid-filled shock-wave tube (1), one end of which is sealed by a flexible bag (2) and at the other end of which is situated a diaphragm (3) with electrically conductive material, which is repelled by a flat coil (6) for generating high-voltage pulses. The intention is to achieve a favourable shock-wave characteristic. <??>The diaphragm (3) has a flexible base (9) which is covered by a multiplicity of small plates (10) of conductive material. The small plates (10) can have differing inertia and/or electrical conductivity. <??>The shock-wave generator can be used for treating kidney stones. <IMAGE>

IPC 1-7  
**G10K 9/12**; **G10K 11/32**

IPC 8 full level  
**G10K 9/12** (2006.01); **G10K 11/32** (2006.01)

CPC (source: EP US)  
**G10K 9/12** (2013.01 - EP US); **G10K 11/32** (2013.01 - EP US)

Cited by  
DE3835318C1; DE19723499C1; DE3907605A1; FR2674456A1; DE4120259A1; US5165388A; DE19630180C1; US5941838A; DE4038651A1; DE4038651C2; EP0821342A3

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