

Title (en)
SHOCK WAVE GENERATOR

Publication
EP 0266538 B1 19911127 (DE)

Application
EP 87113986 A 19870924

Priority
DE 8627238 U 19861006

Abstract (en)
[origin: US4793329A] A shock wave source of the type suitable for treating calculi in the body of a patient has a shock wave tube filled with a shock wave-conducting medium which is closed at one end by a flexible cover adapted to be pressed against the patient, and closed at an opposite end by a membrane. A flat coil is disposed parallel to and spaced from the membrane, with an insulation layer therebetween. The coil is connected to a high voltage pulse generator. The membrane consists of an insulator disc having electrically conductive tracks thereon, preferably concentrically disposed. The conductive tracks constitute a significantly lengthened path which must be overcome in order to generate an arc between the membrane and the coil, so that unwanted arcing is substantially eliminated.

IPC 1-7
G10K 9/12

IPC 8 full level
A61B 17/22 (2006.01); **B06B 1/04** (2006.01); **G10K 9/12** (2006.01)

CPC (source: EP US)
G10K 9/12 (2013.01 - EP US)

Cited by
CN113029495A; FR2674456A1

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
DE 8627238 U1 19880204; DE 3774835 D1 19920109; EP 0266538 A1 19880511; EP 0266538 B1 19911127; JP H045151 Y2 19920214; JP S6365411 U 19880430; US 4793329 A 19881227

DOCDB simple family (application)
DE 8627238 U 19861006; DE 3774835 T 19870924; EP 87113986 A 19870924; JP 15213287 U 19871002; US 9884387 A 19870921