

Title (en)

SHOCK-WAVE GENERATOR FOR A DEVICE FOR THE NON-CONTACTING DISINTEGRATION OF CONCRETIONS IN A BODY

Publication

EP 0288836 B1 19910821 (DE)

Application

EP 88105999 A 19880414

Priority

DE 8706039 U 19870427

Abstract (en)

[origin: EP0288836A1] The generator has a flat coil (4), which can be connected to a high voltage supply (11), and a membrane (3) which lies opposite the said coil, closes off a housing (1) filled with a liquid and has a plate-shaped support (8) of an electrically insulating material and an electrically conducting section (9) applied to one side of the support (8). The membrane (3) is connected at the edge (14) of the support (8) to the housing (1). In this arrangement, it is provided that the material of the support (8) is unsusceptible to cavitation and that, at least in the region of its edge (14), the support (8) is of a flexibly compliant design, the electrically conducting section (9) is electrically insulated with respect to the terminals (17, 18) of the flat coil (4) and the membrane (3) is fitted to the housing (1) in such a way that the electrically conducting section (9) is facing the flat coil (4). <IMAGE>

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G10K 9/12

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