

Title (en)

APPARATUS FOR THE CONTACTLESS DISINTEGRATION OF CONCREMENTS

Publication

EP 0162959 B1 19880504 (DE)

Application

EP 84115384 A 19841213

Priority

DE 8413031 U 19840427

Abstract (en)

[origin: US4655220A] The invention relates to an apparatus for the contactless fragmentation of a concrement present in the body of a living being. A shock wave generator is aimed at a target region in the body and includes a coil having the form of a spherical segment. In front of the coil is arranged a mating radiator element, which closes off a liquid filled space and generates therein a shock wave focused on the centers of curvature of the coil and element upon brief connection of the coil to a high voltage. The concrement to be fragmented is positioned to lie at these centers of curvature.

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A61B 17/22

IPC 8 full level

A61B 17/22 (2006.01); **G10K 9/12** (2006.01)

CPC (source: EP US)

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Cited by

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