

Title (en)

Method and apparatus for adjusting the spark gap of a non-invasive lithotripter.

Title (de)

Verfahren und Vorrichtung zum Anpassen der Funkenstrecke eines berührungsfreien Lithotriptors.

Title (fr)

Méthode et dispositif pour ajuster l'écartement des électrodes d'un lithotriteur extra-corporel.

Publication

**EP 0349915 A1 19900110 (EN)**

Application

**EP 89111918 A 19890630**

Priority

CS 477188 A 19880701

Abstract (en)

The proper distance of tips (3, 4) of electrodes of an aqueous spark gap of a generator of shock waves for non-invasive lithotrypsis is determined on the basis of measured time intervals required from the moment of starting of charging of the functional capacitor or from the moment of its partial charging up to the moment of discharge of the aqueous spark gap, which time interval has to be for a proper operation within limits of predetermined  $t_{min}$  and  $t_{max}$ .

IPC 1-7

**A61B 17/22**; **G10K 15/06**

IPC 8 full level

**A61B 17/22** (2006.01); **G10K 15/06** (2006.01)

CPC (source: EP)

**G10K 15/06** (2013.01)

Citation (search report)

- [A] FR 2605874 A1 19880506 - UNIV KARLOVA [CS]
- [A] FR 2593382 A1 19870731 - TECHNOMED INT SA [FR]
- [A] US 3418510 A 19681224 - MELHART LEONARD J

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