

Title (en)

Submerged electrode for contactless lithotripsy.

Title (de)

Unterwasser-Elektrode für die berührungsfreie Lithotripsie.

Title (fr)

Electrode immergée pour la lithotripsy sans contact.

Publication

EP 0226047 A2 19870624 (DE)

Application

EP 86115769 A 19861113

Priority

DE 3543881 A 19851212

Abstract (en)

[origin: US4809682A] An underwater electrodes assembly for contactless lithotripsy is suggested wherein two electrodes have tips facing each other across a narrow gap and at least one, preferably both, electrodes are surrounded by sleeves or rings made of a dielectric material, such as a thermoplastic.

Abstract (de)

Unterwasser-Elektrode für die berührungsfreie Lithotripsie, wobei sich die Elektrodenspitzen einander gegenüberliegen und an mindestens einer Elektrodenspitze (6, 16) eine Hülse (20) oder ein Ring (32) aus dielektrischem Material angeordnet ist, um einen optimalen Verlauf der Feldlinien zu bewirken.

IPC 1-7

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

IPC 8 full level

A61B 17/22 (2006.01); **A61B 17/221** (2006.01); **G10K 15/06** (2006.01)

CPC (source: EP US)

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Cited by

FR2693306A1; WO9401859A1

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DE 3543881 C1 19870326; EP 0226047 A2 19870624; EP 0226047 A3 19880914; EP 0226047 B1 19920826; ES 2034954 T3 19930416; JP H0584168 B2 19931201; JP S62144647 A 19870627; US 4809682 A 19890307

DOCDB simple family (application)

DE 3543881 A 19851212; EP 86115769 A 19861113; ES 86115769 T 19861113; JP 29569486 A 19861211; US 94002386 A 19861210