

Title (en)
Spark gap electrode for lithotripsy.

Title (de)
Funkenstrecke für die Lithotripsie.

Title (fr)
Eclateur pour lithotripsie.

Publication
EP 0457037 B1 19951206 (DE)

Application
EP 91105911 A 19910413

Priority
DE 4016054 A 19900518

Abstract (en)
[origin: JPH04231035A] PURPOSE: To manufacture a spark gap for lithomy which has light weight simply by making an inner conductor extremely shorter than an outer conductor, protruding the outer conductor from a rear end of the spark gap by crossing over the inner conductor, and providing a hollow chamber inside an insulation body. CONSTITUTION: An outside diameter of an inner IL is extremely smaller than an inside diameter of an outer conductor AL. The outer conductor AL is very longer than the inner conductor IL and protrudes more than the inner conductor IL in a rear end part of a spark gap. The spark gap has a hollow chamber HO inside an insulation body I, and this hollow chamber HO is opened in the direction of a rear end of the spark gap, and its boundary is specified by the surrounding by the inner conductor IL itself and the insulation body I in the opposite direction. Moreover, a section of a cross section A-A of the spark gap has a part which passes through the outer conductor AL to an inner insulation body I by an outer insulation body 12. Consequently, a snap connection which is a secure connection and can be manufactured simply occurs.

IPC 1-7
A61B 17/225

IPC 8 full level
A61B 17/22 (2006.01); **A61B 17/225** (2006.01); **G10K 15/06** (2006.01)

CPC (source: EP US)
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Cited by
US5420473A; CZ297145B6; FR2693306A1; US6217531B1; WO9401859A1

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CH DE ES FR GB IT LI

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