

Title (en)

Electrically-driven acoustic shock-wave generator.

Title (de)

Elektrisch antreibbarer akustischer Stosswellengenerator.

Title (fr)

Générateur d'ondes de choc entraîné électriquement.

Publication

EP 0461287 B1 19940504 (DE)

Application

EP 90111220 A 19900613

Priority

EP 90111220 A 19900613

Abstract (en)

[origin: EP0461287A1] The invention relates to electrically driven acoustic shock-wave generator which has a coil arrangement (5) and a membrane (19), which can be driven electrically in an impact-like manner by means of the coil arrangement (5), as the electrically conductive elements (5, 19), by means of which membrane (19) shock waves can be introduced into an acoustic propagation medium which is adjacent to one side of the membrane (19). In this case, it is provided that at least one of the electrically conductive elements (5, 19) contains material which can be converted into the superconducting state, and that means (9 to 16, 23 to 28) are provided for conversion into the superconducting state of the material which is contained in the at least one electrically conductive element (5, 19). <IMAGE>

IPC 1-7

G10K 9/12; **H01F 5/08**

IPC 8 full level

G10K 9/12 (2006.01); **H01F 6/06** (2006.01)

CPC (source: EP US)

G10K 9/12 (2013.01 - EP US); **H01F 6/06** (2013.01 - EP US)

Cited by

CN101904767A; DE102008034702A1; CN101829009A; CN101829012A

Designated contracting state (EPC)

DE FR NL

DOCDB simple family (publication)

EP 0461287 A1 19911218; **EP 0461287 B1 19940504**; DE 59005639 D1 19940609; US 5165388 A 19921124

DOCDB simple family (application)

EP 90111220 A 19900613; DE 59005639 T 19900613; US 70767391 A 19910530