

Title (en)  
FOCUSING ULTRASONIC TRANSDUCER

Publication  
**EP 0308644 A3 19900530 (DE)**

Application  
**EP 88113188 A 19880813**

Priority  
DE 3732131 A 19870924

Abstract (en)  
[origin: US4888746A] A focussing transducer for the destruction of objects internal to a patient's body by pulses of ultrasonic waves. The transducer comprises a concave transducer surface which is divided into areas and there is a control means which can selectively activate the areas of the transducer so that the waveform arriving at the focus can be adjusted.

IPC 1-7  
**G10K 11/32**

IPC 8 full level  
**B06B 1/06** (2006.01); **G10K 11/32** (2006.01)

CPC (source: EP US)  
**B06B 1/0625** (2013.01 - EP US); **G10K 11/32** (2013.01 - EP US)

Citation (search report)

- [E] EP 0307300 A1 19890315 - TECHNOMED INT SA [FR], et al
- [E] EP 0289382 A1 19881102 - EDAP INT [FR]
- [AD] DE 3119295 A1 19821216 - SIEMENS AG [DE]
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EP0497261A3; FR2903315A1; EP0450364A3; EP0450868A3; US5174296A; WO2008003910A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 88113188 A 19880813**; DE 3732131 A 19870924; DE 3851930 T 19880813; US 24471488 A 19880914