

Title (en)  
An acoustic transducer.

Title (de)  
Akustischer Wandler.

Title (fr)  
Transducteur acoustique.

Publication  
**EP 0401027 A2 19901205 (EN)**

Application  
**EP 90305961 A 19900531**

Priority  
GB 8912782 A 19890602

Abstract (en)  
In order to reduce side lobes in the transmission characteristics of an acoustic transducer the amplitude of transmission is tapered towards the edges of the aperture. This is done by constructing the transducer from ceramic-epoxy composite elements connected in a one-three configuration and distributed with varying volume fraction in the width and length directions.

IPC 1-7  
**B06B 1/06; G10K 11/34**

IPC 8 full level  
**H04R 1/38** (2006.01); **B06B 1/06** (2006.01); **H04R 17/00** (2006.01)

CPC (source: EP)  
**B06B 1/0629** (2013.01)

Cited by  
WO2012131212A1; EP0707898A3; DE102006015493A1; DE102006015493B4; US5434827A; US5438554A; EP0689187A1; US5546946A; US5460181A; US5371717A; EP0629992A3; FR2973550A1; CN103650031A; US5465725A; US5423319A; ITGE20100018A1; EP2796209A3; US10189049B2; US9683971B2; US10293374B2; US9936969B2

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