

Title (en)

Acoustic transducer backing in the shape of a Wood's horn.

Title (de)

Stützvorrichtung für einen akustischen Wandler in Form eines Woodschen Horns.

Title (fr)

Support en forme de corne de Wood pour un transducteur acoustique.

Publication

**EP 0339746 A2 19891102 (EN)**

Application

**EP 89201068 A 19890425**

Priority

US 18775488 A 19880429

Abstract (en)

The unwanted acoustic energy from the back side of an acoustic transducer (25) is fully absorbed in a Wood's Horn styled acoustic energy trap (30) embedded in an acoustically absorbing material (35). Also, the impedance of the transducer (25) and backing (30) can be exactly matched, thereby increasing the frequency bandwidth.

IPC 1-7

**G10K 11/00**; **G10K 11/02**

IPC 8 full level

**G10K 11/00** (2006.01); **G10K 11/02** (2006.01)

CPC (source: EP)

**G10K 11/002** (2013.01); **G10K 11/02** (2013.01)

Cited by

US2024118446A1; GB2547810A; AU2014415593B2; EP2743653A1; CN103868556A; US10443375B2; WO2016108841A1; WO2024076351A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**EP 0339746 A2 19891102**; **EP 0339746 A3 19910703**; NO 891761 D0 19890427; NO 891761 L 19891030

DOCDB simple family (application)

**EP 89201068 A 19890425**; NO 891761 A 19890427