

Title (en)

Electroacoustical audible noise reducing apparatus.

Title (de)

Vorrichtung zur elektro-akustischen Dämpfung von Schallschwingungen im hörbaren Bereich.

Title (fr)

Appareil électro-acoustique pour réduire le bruit audible.

Publication

EP 0040462 A1 19811125 (EN)

Application

EP 81300660 A 19810218

Priority

US 15058180 A 19800516

Abstract (en)

The noise power perceived in an environment of volume larger than and outside a volume including a source (11) of audible noise is appreciably reduced with an active system that includes an acoustical combiner (13) that combines the noise signal to be reduced with an inversely fed back signal provided by a loudspeaker (14) energized by a controlled frequency selective amplifier (16) that amplifies spectral components to be reduced provided by a microphone (15) near the output of the acoustical combiner (13).

IPC 1-7

G10K 11/16

IPC 8 full level

G10K 11/178 (2006.01)

CPC (source: EP US)

G10K 11/17857 (2017.12 - EP US); **G10K 11/17875** (2017.12 - EP US); **G10K 2210/112** (2013.01 - EP); **G10K 2210/12822** (2013.01 - EP); **G10K 2210/3011** (2013.01 - EP); **G10K 2210/3013** (2013.01 - EP); **G10K 2210/3217** (2013.01 - EP)

Citation (search report)

- GB 1357330 A 19740619 - SECR DEFENCE
- US 3936606 A 19760203 - WANKE RONALD L
- US 2043416 A 19360609 - PAUL LUEG
- US 3826870 A 19740730 - WURM R, et al
- FR 2275722 A1 19760116 - SOUND ATTENUATORS LTD [GB]

Cited by

US4566118A; US4527282A; WO8302031A1; WO8300580A1

Designated contracting state (EPC)

BE DE FR GB IT LU NL

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