

Title (en)

ACTIVE ACOUSTIC ATTENUATION DEVICE FOR USE IN A DUCT, PARTICULARLY FOR SOUNDPROOFING A VENTILATION AND/OR AIR-CONDITIONING NETWORK

Title (de)

AKTIVE AKUSTISCHE DÄMPFUNGSANORDNUNG ZUR ANORDNUNG INNERHALB EINES ROHRES, INSBESONDERE ZUR SCHALLDÄMPFUNG EINES BELÜFTUNGS- UND/ODER KLIMANETZWERKS

Title (fr)

DISPOSITIF D'ATTENUATION ACOUSTIQUE ACTIVE DESTINE A ETRE DISPOSE A L'INTERIEUR D'UN CONDUIT, EN PARTICULIER POUR L'INSONORISATION DE RESEAU DE VENTILATION ET/OU DE CLIMATISATION

Publication

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Application

EP 96937355 A 19961029

Priority

- FR 9601694 W 19961029
- FR 9512802 A 19951030

Abstract (en)

[origin: US7248704B2] The device for the active sound attenuation of a sound signal propagated in a duct comprises: at least first sensor means for a first sound signal, attenuation actuating means supplying an active sound attenuation signal in response to a selected control signal, an electronic control means generating the active sound attenuation signal for the actuating means. The first sensor means and the actuating means are arranged completely inside the duct opposite one another and at a selected distance from the casing of the duct, the axis of symmetry of the radiation of the actuating means and the axis of symmetry of the first sensor means are substantially parallel to the direction of propagation of the sound signal in the duct, and the actuating means are arranged upstream of the first sensor means in the direction of propagation of the sound signal in the duct.

IPC 1-7

G10K 11/178

IPC 8 full level

G10K 11/178 (2006.01)

CPC (source: EP US)

G10K 11/17857 (2018.01 - EP US); **G10K 11/17861** (2018.01 - EP US); **G10K 11/17881** (2018.01 - EP US); **G10K 2210/104** (2013.01 - EP US); **G10K 2210/112** (2013.01 - EP US); **G10K 2210/3027** (2013.01 - EP US); **G10K 2210/3214** (2013.01 - EP US); **G10K 2210/3219** (2013.01 - EP US); **G10K 2210/509** (2013.01 - EP US)

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