

Title (en)
Improvements relating to noise reduction arrangements.

Title (de)
Anordnungen zur Begrenzung von Störungen.

Title (fr)
Dispositifs de réduction de bruit.

Publication
EP 0195641 A2 19860924 (EN)

Application
EP 86301946 A 19860317

Priority
GB 8506860 A 19850316

Abstract (en)
An active noise reduction (ANR) arrangement for reducing acoustic noise in an earphone structure (1) includes an automatic gain control arrangement (14-20) providing a variable loop gain dependent upon the variable noise reduction which is produced in the earphone (1) by the active noise reduction arrangement and which is effectively measured by noise pick-up microphones (5 and 13) located, respectively, in earphone structure front and rear internal cavities (11 and 12) positioned in front of and at the rear of a noise-cancelling transducer diaphragm (8,9) and providing a signal related to the measured noise reduction.

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G10K 11/00; G10K 11/16

IPC 8 full level
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G10K 2210/1081 (2013.01 - EP); **G10K 2210/3013** (2013.01 - EP); **G10K 2210/3028** (2013.01 - EP); **G10K 2210/3045** (2013.01 - EP);
G10K 2210/3056 (2013.01 - EP); **G10K 2210/3213** (2013.01 - EP)

Cited by
EP0265097A3; US5181252A; CN102257560A; EP0333411A3; JP2019004456A; EP0414479A3; EP3664466A1; CN111294708A;
US10034086B2; US8948410B2; US9818394B2; US9654854B2; US8391530B2; US10878798B2; WO2010070561A1

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