

Title (en)
Loudness limiter

Title (de)
Lautstärkebegrenzung

Title (fr)
Limiteur d'intensité sonore

Publication
EP 0836363 A1 19980415 (EN)

Application
EP 96115687 A 19961001

Priority
EP 96115687 A 19961001

Abstract (en)
For limiting the signal transmitted to the human ear in dependency on an incoming acoustical signal, there is provided a signal processor 3, the output of which acts on an output transducer and on a calculator unit 7 which calculates according to a preselected model the psychoacoustical entity loudness of the incoming acoustic signal. The loudness, thus calculated, is compared with a predetermined loudness level MAL and according to the result of such comparison, parameters at the processor unit 3 are varied so as to restrict the transmitted loudness on the MAL level. <IMAGE>

IPC 1-7
H04R 25/00

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP)
H04R 25/356 (2013.01); **H04R 25/505** (2013.01)

Citation (search report)
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• [Y] US 4475230 A 19841002 - FUKUYAMA KUNIHICO [JP], et al
• [A] EP 0237203 A2 19870916 - BELTONE ELECTRONICS CORP [US]
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