

Title (en)
SOUND-REPRODUCTION DEVICE

Title (de)
TONWIEDERGEGERÄT

Title (fr)
DISPOSITIF DE REPRODUCTION SONORE

Publication
EP 1115266 A4 20051207 (EN)

Application
EP 00946273 A 20000712

Priority
• JP 0004652 W 20000712
• JP 20307499 A 19990716

Abstract (en)
[origin: EP1115266A1] A sound reproduction apparatus that performs a better masking compensation, by precisely extracting the ambient noise from a composite sound which contains the ambient noise and the signal generated by a speaker, removing therefrom the signal generated from the speaker. It comprises a first microphone (16) provided outside a dust cap (15) of a speaker unit (14), and a second microphone (17) provided inside a dust cap (15). An output signals from the microphones are filtered respectively and then added together, the added signal controls the strength of input signal. <IMAGE>

IPC 1-7
H04R 3/04; **H03G 3/32**; **H04R 3/00**

IPC 8 full level
H04R 3/02 (2006.01); **H03G 3/32** (2006.01); **H04R 3/00** (2006.01)

CPC (source: EP)
H04R 3/002 (2013.01)

Citation (search report)
• [PA] EP 0951201 A2 19991020 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 062 (E - 0883) 5 February 1990 (1990-02-05)
• See references of WO 0106809A1

Cited by
WO2006043250A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1115266 A1 20010711; **EP 1115266 A4 20051207**; JP 2001036984 A 20010209; WO 0106809 A1 20010125

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EP 00946273 A 20000712; JP 0004652 W 20000712; JP 20307499 A 19990716