

Title (en)
Microphone with associated amplifier

Title (de)
Mikrofon mit zugeordnetem Verstärker

Title (fr)
Microphone avec amplificateur associé

Publication
EP 0794686 B1 20061004 (DE)

Application
EP 97250020 A 19970202

Priority
DE 19606261 A 19960206

Abstract (en)
[origin: US6028946A] The problem addressed by the invention, to develop a microphone with associated amplifier which has a better dynamic response than analog microphones, requires less space, can replace analog microphones by using cables already in place, and has a low-cost construction, is solved by the invention in that the microphone is made up of an electroacoustic transducer, two analog-digital converters, two preamplifiers connected to the output of the electroacoustic transducers on the one hand and on the other hand each with preamplifiers connected each to an analog-digital converter, and with a driver stage connected to the analog-digital converters for a two-channel digital audio format and in that the amplifier is made up of a receiver for a two-channel digital audio format and a signal processor which generates a one-channel signal from the two-channel audio format as an image of the signal of the electroacoustic transducer. The field of application is in musical production. The invention is illustrated by FIGS. 1 and 2.

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H04R 1/04 (2006.01); **H04R 3/00** (2006.01)

CPC (source: EP US)
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Cited by
EP1585359A1; US7620189B2; US7356151B2; US7835531B2

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