

Title (en)
Directional-microphone arrangement.

Title (de)
Richtmikrofonanordnung.

Title (fr)
Dispositif microphonique directif.

Publication
EP 0229230 A1 19870722 (DE)

Application
EP 86113802 A 19861006

Priority
DE 3536885 A 19851016

Abstract (en)
[origin: US4712244A] A directional microphone arrangement has a number of discrete microphones each having an electrical output and elements for deriving first and second electrical signals which are 180 DEG out of phase with respect to each other from the outputs of the microphones. A third signal is also derived through differentiation from one of the microphone outputs which is 90 DEG out of phase with respect to one of the first or second signals. All of the first, second and third signals are added in a summing unit, the output of the summing unit forming the output for the arrangement.

Abstract (de)
Die Richtmikrofonanordnung umfaßt eine vorgebbare Zahl von Einzelmikrofonen, die unter Verwendung einer Phasenschieberanordnung additiv und/oder subtraktiv miteinander verbunden sind. Von wenigstens zwei nicht gerichteten Mikrofonen (M1, M2) sind drei elektrische Mikrofonsignale (S1, S2, S3) ableitbar, von denen zwei Signale (S1, S2) gegeneinander um 180° phasenverschoben sind. Das dritte Signal (S3) ist gegenüber einem der beiden anderen Signale mittels eines Differenziergliedes (4) um 90° in der Phase gedreht. Ein Summenbildner (5) summiert schließlich die drei Mikrofonsignale.

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IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
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