

Title (en)
Electret microphone shield.

Title (de)
Abschirmung für ein Elektret-Mikrofon.

Title (fr)
Ecran pour microphone à électrète.

Publication
EP 0077615 A1 19830427 (EN)

Application
EP 82305196 A 19820930

Priority
CA 388183 A 19811019

Abstract (en)
An electret microphone has a metal shield around it in order to guard against electromagnetic interference. Acoustic waves reach the electret element through a passage in the shield. The electret response is undesirably affected by an electric field produced by body capacitance when the microphone is brought close to a user's mouth. To overcome this effect, the microphone has a conductive film, transparent to acoustic waves, positioned between the passage and the electret element, the film contacting a grounded part of the casing. The conductive film can form an integral part of a microphone moisture barrier.

IPC 1-7
H01R 19/00

IPC 8 full level
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CPC (source: EP KR)
H04R 1/08 (2013.01 - KR); **H04R 19/016** (2013.01 - EP)

Citation (search report)

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