

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  
**H04R 1/08** (2006.01); **H04R 1/22** (2006.01); **H04R 19/01** (2006.01); **H04R 19/04** (2006.01)

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

Citation (search report)

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Designated contracting state (EPC)  
CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0077615 A1 19830427; EP 0077615 B1 19860430**; CA 1165859 A 19840417; DE 3270879 D1 19860605; DK 153619 B 19880801; DK 153619 C 19881219; DK 450682 A 19830420; IE 53590 B1 19881221; IE 822516 L 19830419; JP S5881000 A 19830516; KR 840002387 A 19840625; KR 880000963 B1 19880604

DOCDB simple family (application)  
**EP 82305196 A 19820930**; CA 388183 A 19811019; DE 3270879 T 19820930; DK 450682 A 19821012; IE 251682 A 19821018; JP 18151682 A 19821018; KR 820004689 A 19821018