

Title (en)
A capacitive transducer

Title (de)
Kapazitiver Wandler

Title (fr)
Transducteur capacitif

Publication
EP 1343353 A1 20030910 (EN)

Application
EP 03076316 A 20011019

Priority
• DK PA200001567 A 20001020
• EP 01978227 A 20011019
• US 24567200 P 20001106

Abstract (en)
A capacitive transducer, in particular a condenser microphone, with a ring-shaped member (12) and a diaphragm (11) secured to the ring-shaped member (12). A disc-shaped member (17) is secured in the opening of the ring-shaped member (12) and in parallel relationship to the diaphragm (11). The disc-shaped member (17) has an electrically conductive portion (19) spaced from the ring-shaped member (12) and facing the diaphragm (11) in a predetermined distance therefrom, whereby the diaphragm (11) and the electrically conductive portion (19) on the disc-shaped member (17) form an electrical capacitor. The second side of the disc-shaped member (17) and the contact member are directly accessible. Also, the ring-shaped member (12) has, outside the outer periphery of the diaphragm (11), a free surface (14) extending transversally to the axis of the ring-shaped member (12) for mounting in a microphone housing with the diaphragm flush with the front end of the microphone or slightly recessed relative to the front end. <IMAGE>

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H04R 19/00

IPC 8 full level
H04R 19/04 (2006.01)

CPC (source: EP)
H04R 19/04 (2013.01)

Citation (search report)
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