

Title (en)
LOUDSPEAKER MADE FROM FILMS

Title (de)
LAUTSPRECHER AUFGEBAUT AUS FOLIEN

Title (fr)
HAUT-PARLEUR CONSTITUÉ DE FEUILLES

Publication
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Application
EP 08716850 A 20080214

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Abstract (en)
[origin: WO2008098988A1] The invention relates to a loudspeaker with a large surface area of a sandwich layer construction, comprising several conducting and non-conducting layers, forming an active sound-emitting loudspeaker surface with a first membrane film (1) coated with an electrically conducting layer (3), a second membrane film (2) coated with an electrically conducting layer (4), a static high voltage supply (9), generating an electric field between the first electrically conducting layer (3) and the second electrically conducting layer (4), an audio source (10) which influences the high voltage field between the first electrically-conducting layer (3) and the second electrically-conducting layer (4) by means of a capacitor (15). The invention is characterised in that the first membrane film, coated with an electrically conducting layer, forms a sandwich with the second membrane film (2), coated with an electrically-conducting layer, across a first elastic and non-conducting buffer layer (5), extending over the active loudspeaker surface.

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