Title (en)

MEMBRANE WITH EMBOSSED SURFACE

Title (de)

MEMBRAN MIT UNEBENER STRUKTUR

Title (fr)

MEMBRANE A RELIEF ACCIDENTE

Publication

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Application

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Abstract (en)

[origin: WO0178450A1] The anatomical study of the human auditory system shows that the pinna has shapes representing embossed surfaces. The principle of auditory acuity consists in pre-selection of sound waves generated by the very anatomy. This analysis underlies the present method and appliances in accordance with biophysics. The method consists in determining segmented cavities, non-homogeneously and non-symmetrically partitioned at the surface of the membrane. The principle of said differentiated open cavities is to enable pre-selection of different sound frequencies. Said membranes with irregular surface are useful for sound transmission or reception of sound frequencies for a recording microphone. The apparatus according to the invention consists in a transducer which houses partitions which determine open cavities having different shapes, on its from surface. The method and apparatus are useful for the whole audio and audio-visual field, recording and sound reproduction.

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