

Title (en)
LOUDSPEAKER DIAPHRAGM

Title (de)
LAUTSPRECHERMEMBRAN

Title (fr)
MEMBRANE DE HAUT-PARLEUR

Publication
EP 3549356 B1 20230726 (EN)

Application
EP 16809159 A 20161129

Priority
GB 2016053746 W 20161129

Abstract (en)
[origin: WO2018100326A1] A loudspeaker diaphragm (12) comprising a woven fibre body supports damping material (25), for example PVA polymer, on a rearward-facing surface (24). The woven fibre body may be formed of lengths (14) non-metallic fibre material (for example glass fibre) coating with a thin metal coating (32). The mass of the layer of damping material (25) may be significantly greater than the mass of the woven fibre body. An attractive sparkly looking loudspeaker diaphragm (12) may thus be provided which damps undesirable vibration whilst providing a flatter frequency- response curve (50).

IPC 8 full level
H04R 7/12 (2006.01); **H04R 7/26** (2006.01)

CPC (source: EP KR)
H04R 7/125 (2013.01 - EP KR); **H04R 31/003** (2013.01 - EP KR); **H04R 2307/025** (2013.01 - EP KR); **H04R 2307/027** (2013.01 - EP KR); **H04R 2307/029** (2013.01 - EP KR)

Citation (examination)

- EP 0632675 A1 19950104 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- EP 1429582 A2 20040616 - ONKYO KK [JP]
- US 2007177758 A1 20070802 - OHARA HIROSHI [TW]
- EP 3304931 A1 20180411 - B & W GROUP LTD [GB]

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