

Title (en)  
MULTILAYER FILM FOR LOUDSPEAKER MEMBRANES

Publication  
**EP 0295494 A3 19900718 (DE)**

Application  
**EP 88108730 A 19880601**

Priority  
DE 3719879 A 19870613

Abstract (en)  
[origin: EP0295494A2] Multi-layer films of a thickness of 0.05 to 0.7 mm, comprising a 0.02 to 0.6 mm thick thermoplastic film or metallic foil having a modulus of elasticity of 1,000 to 200,000 MPa, a 0.01 to 0.03 mm thick film of thermoplastically processible material having a mechanical loss factor tan delta in the temperature range -40 to +200 DEG C of between  $10^{-2}$  and  $10^{-1}$  and a 0.05 to 0.1 mm thick thermoplastic sealing layer, the mechanical loss factor tan delta of which in the temperature range -40 to 200 DEG C lies between  $10^{-2}$  and  $10^{-1}$ , as well as its use for the production of loud speaker membranes or cones.

IPC 1-7  
**H04R 7/10**; **H04R 7/12**; **H04R 7/02**; **B32B 7/02**

IPC 8 full level  
**B32B 15/08** (2006.01); **H04R 7/02** (2006.01); **H04R 7/10** (2006.01); **H04R 7/12** (2006.01)

CPC (source: EP)  
**H04R 7/02** (2013.01); **H04R 7/10** (2013.01); **H04R 7/125** (2013.01); **H04R 2307/029** (2013.01)

Citation (search report)  
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• [A] GB 1435588 A 19760512 - MITSUI PETROCHEMICAL IND  
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