

Title (en)  
MEMBRANE HAVING A MULTIPART STRUCTURE

Title (de)  
MEMBRAN MIT MEHRTEILIGEM AUFBAU

Title (fr)  
MEMBRANE À STRUCTURE EN PLUSIEURS PARTIES

Publication  
**EP 2172059 A2 20100407 (DE)**

Application  
**EP 08784571 A 20080627**

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Abstract (en)  
[origin: US2010288579A1] The invention relates to a composition of a speaker membrane, consisting at minimum of the following layering sequence: a first cover layer (3) made of a plastic, a first adhesive layer (2), and a first layer (4) manufactured from a non-woven material (fleece) made of fibers.

IPC 8 full level  
**H04R 7/10** (2006.01); **H04R 7/12** (2006.01)

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Citation (search report)  
See references of WO 2009003658A2

Cited by  
DE102012208477A1; WO2013174609A1; US9796160B2; DE102013206812A1; WO2014170122A1; US9827749B2

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**US 2010288579 A1 20101118; US 8496086 B2 20130730**; AT E523040 T1 20110915; DE 102007030665 A1 20090115; EP 2172059 A2 20100407; EP 2172059 B1 20110831; WO 2009003658 A2 20090108; WO 2009003658 A3 20090402

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