

Title (en)
ELECTROACOUSTIC TRANSDUCER AND METHOD OF MANUFACTURE THEREOF

Title (de)
ELEKTROAKUSTISCHER WANDLER UND DESSEN HERSTELLUNGSVERFAHREN

Title (fr)
TRANSDUCTEUR LECTROACOUSTIQUE ET PROCEDE DE FABRICATION

Publication
EP 1164574 A1 20011219 (EN)

Application
EP 00971825 A 20001107

Priority
• JP 0007813 W 20001107
• JP 36025599 A 19991220

Abstract (en)
An electro-acoustic transducer having a layer of a heat-curing and UV-curing adhesive 6a formed on a frame 2 integrally molded at the bottom of a case 1. A magnet 5 is placed on the frame 2 via the adhesive. Said case 1 is irradiated with a UV light from the above, at least before the adhesive is heat-cured, so that the adhesive is cured in the portion exposed to the UV light. This prevents the adhesive 6a from evaporating, scattering and prevents the adhesive components depositing on a diaphragm 7, that could be caused by a later high temperature process for heat-curing the adhesive 6a. Furthermore, time for the heat-curing in the present invention can be made shorter by the high temperature curing. The shorter curing time improves productivity of the production, and enables to have the transducers manufactured on an automatic assembly line. <IMAGE>

IPC 1-7
G10K 9/13; **H04R 13/00**

IPC 8 full level
G10K 9/13 (2006.01); **G10K 9/22** (2006.01); **H04R 13/00** (2006.01); **H04R 13/02** (2006.01); **H04R 31/00** (2006.01)

CPC (source: EP)
G10K 9/13 (2013.01); **G10K 9/22** (2013.01); **H04R 13/00** (2013.01)

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 1164574 A1 20011219; **EP 1164574 A4 20060719**; CN 1168067 C 20040922; CN 1341254 A 20020320; JP 2001177898 A 20010629; NO 20014027 D0 20010817; NO 20014027 L 20011019; WO 0146943 A1 20010628

DOCDB simple family (application)
EP 00971825 A 20001107; CN 00804051 A 20001107; JP 0007813 W 20001107; JP 36025599 A 19991220; NO 20014027 A 20010817