

Title (en)  
SOUND-REPRODUCING TRANSDUCER

Title (de)  
SCHALLWIEDERGEBENDER WANDLER

Title (fr)  
TRANSDUCTEUR DE RESTITUTION DE SON

Publication  
**EP 1665870 A2 20060607 (FR)**

Application  
**EP 04767745 A 20040719**

Priority  
• FR 2004001939 W 20040719  
• FR 0309112 A 20030725

Abstract (en)  
[origin: FR2858164A1] The transducer has a diaphragm (64) disposed parallel to front face and rear face of the transducer to convert electrical signals into acoustic waves and vice versa. The diaphragm delimits two volumes that form front and rear acoustic cavities, respectively. A cylindrical wall of the transducer has perforations (72,74,76,77,78) situated near a junction between the wall and a circular face of the transducer. An independent claim is also included for a communication terminal having a sound restoration transducer.

IPC 1-7  
**H04R 1/00**

IPC 8 full level  
**H04R 9/06** (2006.01)

CPC (source: EP US)  
**H04R 9/06** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005020623A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2858164 A1 20050128; FR 2858164 B1 20071228**; CA 2533290 A1 20050303; CA 2533290 C 20160712; CN 101151937 A 20080326; CN 101151937 B 20120523; EP 1665870 A2 20060607; RU 2006105651 A 20070910; RU 2347326 C2 20090220; US 2006177070 A1 20060810; US 7408444 B2 20080805; WO 2005020623 A2 20050303; WO 2005020623 A3 20051215

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