

Title (en)  
INTEGRATED LOUDSPEAKER SYSTEM

Title (de)  
INTEGRIERTES LAUTSPRECHERSYSTEM

Title (fr)  
SYSTEME A HAUT-PARLEUR INTEGRE

Publication  
**EP 1602261 A2 20051207 (DE)**

Application  
**EP 04719354 A 20040311**

Priority  
• DE 2004000483 W 20040311  
• DE 10310532 A 20030311  
• DE 10314506 A 20030331

Abstract (en)  
[origin: WO2004082320A2] The invention relates to a loudspeaker system comprising several sonic converters (2) which are fixed in or to the rear of sound passage openings (3) in a carrier plate. The loudspeaker system is characterized in that the carrier plate is embodied in the form of a wall plate (1) for the interiors or outer facades of buildings and in that the sonic converters (2) are integrated into the carrier plate. The inventive loudspeaker system makes it possible to acoustically irradiate an area without the need for esthetically troublesome loudspeakers.

IPC 1-7  
**H04R 5/02**

IPC 8 full level  
**H04R 1/02** (2006.01); **H04R 1/40** (2006.01)

CPC (source: EP US)  
**H04R 1/025** (2013.01 - EP US); **H04R 1/403** (2013.01 - EP US); **H04R 2201/021** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004082320A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ 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)  
**WO 2004082320 A2 20040923; WO 2004082320 A3 20041229**; EP 1602261 A2 20051207; EP 1602261 B1 20100609;  
US 2006147074 A1 20060706; US 7548630 B2 20090616

DOCDB simple family (application)  
**DE 2004000483 W 20040311**; EP 04719354 A 20040311; US 54866705 A 20051025