

Title (en)  
SPEAKER SYSTEM

Title (de)  
LAUTSPRECHERSYSTEM

Title (fr)  
SYSTÈME D'HAUT-PARLEURS

Publication  
**EP 3280161 B1 20220119 (DE)**

Application  
**EP 17187840 A 20150605**

Priority

- DE 102014210821 A 20140605
- DE 102014217344 A 20140829
- EP 15729381 A 20150605
- EP 2015062588 W 20150605

Abstract (en)  
[origin: WO2015185727A2] The invention relates to a loud-speaker system for a vehicle, comprising a loud-speaker array which comprises a plurality of electro acoustic transducers which can be controlled individually such that a user-specific audio signal can be reproduced by means of a plurality of electro acoustic transducers for different users in different listening areas in the inside of the vehicle. Said loud-speaker array or an acoustic outlet of the loud-speaker array is arranged in particular, between at least two of the listening positions in the inside of the vehicle, for example, between the driver and the front passenger seat.

IPC 8 full level  
**H04S 3/00** (2006.01); **H04S 7/00** (2006.01)

CPC (source: CN EP KR US)  
**H04R 3/14** (2013.01 - US); **H04R 5/04** (2013.01 - CN); **H04S 3/00** (2013.01 - EP KR US); **H04S 7/302** (2013.01 - US);  
**H04S 7/303** (2013.01 - EP KR US); **H04S 7/307** (2013.01 - US); **H04R 2203/12** (2013.01 - EP KR US); **H04R 2205/024** (2013.01 - EP KR US);  
**H04R 2430/00** (2013.01 - CN); **H04R 2499/13** (2013.01 - EP KR US)

Citation (examination)

- US 6112847 A 20000905 - LEHMAN RICHARD W [US]
- US 8224001 B1 20120717 - WALLER JON J [US]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2015185727 A2 20151210**; **WO 2015185727 A3 20160317**; CN 106664489 A 20170510; CN 106664489 B 20181016;  
DE 102014217344 A1 20151217; EP 3152925 A2 20170412; EP 3152925 B1 20190710; EP 3280161 A1 20180207; EP 3280161 B1 20220119;  
JP 2017523654 A 20170817; JP 6286583 B2 20180228; KR 102077486 B1 20200217; KR 20170015371 A 20170208;  
US 2017085990 A1 20170323; US 9854363 B2 20171226

DOCDB simple family (application)  
**EP 2015062588 W 20150605**; CN 201580029911 A 20150605; DE 102014217344 A 20140829; EP 15729381 A 20150605;  
EP 17187840 A 20150605; JP 2016571331 A 20150605; KR 20167036780 A 20150605; US 201615366573 A 20161201