

Title (en)  
SOUND PROJECTOR SET-UP

Title (de)  
TONPROJEKTOREINSTELLUNG

Title (fr)  
INSTALLATION DE PROJECTEUR SONORE

Publication  
**EP 2208369 B1 20110504 (EN)**

Application  
**EP 08844786 A 20081031**

Priority  
• GB 2008003707 W 20081031  
• GB 0721313 A 20071031

Abstract (en)  
[origin: WO2009056858A2] There is disclosed a method and apparatus to assist in setting up an array-type Sound Projector. A sound beam is swept around the room and the magnitude of maximum correlation between the emitted test signal and a received signal at the listening position, along with the time of said maximum correlation, are recorded. Rules are then applied to determine the optimum position of the sound channels during playback. Sound beams having a wide angle and shorter path length are preferred for the left and right sound channels, whereas sound beams having smaller angles and longer path lengths are preferred for the surround sound channels.

IPC 8 full level  
**H04S 7/00** (2006.01); **H04R 3/12** (2006.01)

CPC (source: EP)  
**H04S 7/301** (2013.01); **H04R 3/12** (2013.01); **H04R 2203/12** (2013.01); **H04R 2205/022** (2013.01)

Cited by  
WO2023274499A1

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

DOCDB simple family (publication)  
**WO 2009056858 A2 20090507**; **WO 2009056858 A3 20100415**; AT E508594 T1 20110515; DE 602008006761 D1 20110616;  
EP 2208369 A2 20100721; EP 2208369 B1 20110504; GB 0721313 D0 20071212

DOCDB simple family (application)  
**GB 2008003707 W 20081031**; AT 08844786 T 20081031; DE 602008006761 T 20081031; EP 08844786 A 20081031; GB 0721313 A 20071031