

Title (en)
ACOUSTIC RADIATOR ASSEMBLY FOR ACTIVE SOUND DAMPERS

Title (de)
SCHALLSTRAHLER -ANORDNUNG FÜR AKTIVE SCHALLDÄMPFER

Title (fr)
ENSEMBLE D'ÉMETTEURS SONORES DESTINÉ À UN SILENCIEUX

Publication
EP 3005345 A1 20160413 (DE)

Application
EP 14729640 A 20140606

Priority
• DE 102013210709 A 20130607
• EP 2014061859 W 20140606

Abstract (en)
[origin: WO2014195473A1] The invention relates to an acoustic radiator assembly having at least two acoustic radiators (1), which each have a sheet material having a front side and a back side, which sheet material is supported in such a way that the sheet material can vibrate. The front sides face a region (5) in which sound (8) should be damped, and the back sides of the sheet materials, which sheet materials are supported in such a way that the sheet materials can vibrate, face a common volume (6). The acoustic radiator assembly is characterized in that a control unit (3) is present, which is designed in such a way that the sheet materials, which are supported in such a way that the sheet materials can vibrate, can be excited so as to cause vibrations having a phase difference among each other, in particular having a phase difference in the range of approximately 90° to approximately 180°.

IPC 8 full level
G10K 11/178 (2006.01)

CPC (source: EP US)
G10K 11/17857 (2017.12 - EP US); **G10K 11/17873** (2017.12 - EP US); **G10K 2210/112** (2013.01 - EP); **G10K 2210/3219** (2013.01 - EP)

Citation (search report)
See references of WO 2014195473A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014195473 A1 20141211; DE 102013210709 A1 20141211; EP 3005345 A1 20160413

DOCDB simple family (application)
EP 2014061859 W 20140606; DE 102013210709 A 20130607; EP 14729640 A 20140606