

Title (en)
PORTABLE AUDIO SYSTEM WITH ACOUSTIC WAVEGUIDE

Title (de)
TRAGBARES AUDIOSYSTEM MIT AKUSTISCHEM WELLENLEITER

Title (fr)
SYSTÈME AUDIO PORTABLE AVEC GUIDE D'ONDES ACOUSTIQUE

Publication
EP 3611934 A1 20200219 (EN)

Application
EP 18189089 A 20180815

Priority
EP 18189089 A 20180815

Abstract (en)
A portable audio system includes a housing defining a common acoustic cavity a woofer disposed at a first end of the housing in the common acoustic cavity and a tweeter disposed at a second end of the housing, opposite to the first end, in the common acoustic cavity facing the woofer. A waveguide is disposed in the common acoustic cavity between the woofer and the tweeter to separate the woofer and the tweeter. The waveguide disperses and distributes sound waves generated by the woofer and tweeter.

IPC 8 full level
H04R 1/24 (2006.01); **G10K 11/20** (2006.01); **H04R 1/20** (2006.01); **H04R 1/00** (2006.01); **H04R 1/02** (2006.01)

CPC (source: EP)
G10K 11/20 (2013.01); **H04R 1/26** (2013.01); **H04R 1/345** (2013.01); **H04R 2201/34** (2013.01)

Citation (applicant)
• US 8130994 B2 20120306 - BUTTON DOUGLAS J [US], et al
• US 9549237 B2 20170117 - DEVANTIER ALLAN [US], et al

Citation (search report)
• [XAY] WO 9007103 A1 19900628 - OAKLEY RALPH WILLIAM [GB], et al
• [XY] US 6064744 A 20000516 - AUGUSTIN HEINZ-JUERGEN [DE]
• [YA] US 9641919 B1 20170502 - POOLE DAVID WILSON [US], et al

Cited by
CN114554366A

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)
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