

Title (en)

Headphone with expansion space in either receiver

Title (de)

Kopfhörer mit Leerraum in jedem Empfänger

Title (fr)

Écouteur avec espace d'expansion dans chaque récepteur

Publication

EP 1968344 A1 20080910 (EN)

Application

EP 07004881 A 20070309

Priority

EP 07004881 A 20070309

Abstract (en)

A headphone includes left and right receivers (20, 30) each including an elongate shell (22) including a peg (221) projecting inwardly from either end; a housing shaped to conform to the shell and including a peripheral wall, a slot in either end, the slot adapted to securely engage with the peg (221), a first receiving space (211) at one portion, a second receiving space (212) at the other portion in communication with the first receiving space, and a plurality of bottom holes; a speaker (25) mounted in the first receiving space; a plurality of buttons including a volume button mounted on a bottom of the second receiving space (212) ; and a cap (23) fitted on the second receiving space ; a band having both ends secured to the caps; and a swivel microphone secured to an outer surface of either receiver. Additional components (e.g., battery) can be mounted in the second receiving space.

IPC 8 full level

H04R 5/033 (2006.01)

CPC (source: EP)

H04R 1/1058 (2013.01); **H04R 1/1025** (2013.01); **H04R 1/1041** (2013.01); **H04R 1/1066** (2013.01); **H04R 5/0335** (2013.01); **H04R 2201/107** (2013.01); **H04R 2420/07** (2013.01)

Citation (search report)

- [Y] US 5113428 A 19920512 - FITZGERALD ROBERT [US]
- [Y] US 2005008184 A1 20050113 - ITO TOMOHIRO [JP], et al
- [Y] US 2003210801 A1 20031113 - NAKSEN ALEX [US], et al
- [A] GB 2275846 A 19940907 - SONY CORP [JP]
- [A] US 5574795 A 19961112 - SEKI HIDEKI [JP]

Cited by

CN103596091A; EP2475187A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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