

Title (en)  
Electronic portable stereo device

Title (de)  
Elektronisches Stereo-Handgerät

Title (fr)  
Appareil électronique portatif stéréo

Publication  
**EP 1631115 A1 20060301 (FR)**

Application  
**EP 05107668 A 20050822**

Priority  
FR 0451903 A 20040825

Abstract (en)  
The device has two hands free loudspeakers (2, 3) whose orthogonal projections are distinct on axes (D1, D2) in an open configuration. The speakers are disposed opposite to each other, such that their projections in a plane of a flap (5) belong to a diagonal axis (Dd) of the projection of the device in the plane, so that distances between the projections are relatively high, either on an axis (D1) or the axis (D2).

IPC 8 full level  
**H04R 5/02** (2006.01); **H04M 1/02** (2006.01)

CPC (source: EP US)  
**H04R 5/02** (2013.01 - EP US); **H04R 2499/11** (2013.01 - EP US)

Citation (applicant)  
• GB 2372666 A 20020828 - ORANGE PERSONAL COMM SERV LTD [GB]  
• US 6175489 B1 20010116 - MARKOW MITCHELL A [US], et al

Citation (search report)  
• [X] US 6175489 B1 20010116 - MARKOW MITCHELL A [US], et al  
• [X] US 6040978 A 20000321 - SPENCER JULIAN A Q [US]  
• [X] US 5796854 A 19980818 - MARKOW MITCHELL A [US]  
• [XY] DE 19633292 C1 19970911 - DEUTSCHE TELEKOM AG [DE]  
• [YA] US 2003157969 A1 20030821 - KIM YU-HYOK [KR]

Cited by  
CN105224670A

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1631115 A1 20060301**; **EP 1631115 B1 20090715**; DE 602005015398 D1 20090827; DK 1631115 T3 20091116; EP 2117257 A1 20091111; ES 2330119 T3 20091204; FR 2874781 A1 20060303; FR 2874781 B1 20090320; US 2006067547 A1 20060330

DOCDB simple family (application)  
**EP 05107668 A 20050822**; DE 602005015398 T 20050822; DK 05107668 T 20050822; EP 09164687 A 20050822; ES 05107668 T 20050822; FR 0451903 A 20040825; US 19957405 A 20050808