

Title (en)
Headphone

Title (de)
Kopfhörer

Title (fr)
Casque d'écoute

Publication
EP 1443800 A2 20040804 (DE)

Application
EP 04450008 A 20040115

Priority
AT 1532003 A 20030131

Abstract (en)
Each earpiece (3) on headphones connects with an articulated joint to a hoop (2) by means of first (K1) and second (K2) axes of rotation that intersect. The point of intersection lies on or near the center axis (Z) for each earpiece as well as in the area of the piercing point of the center axis through the contact surface (7) of the earpiece.

Abstract (de)
Die Erfindung ist dadurch gekennzeichnet, dass jede Muschel (3) des Kopfhörers mit dem Bügel (2) über mindestens zwei Drehachsen (K1, K2) gelenkig verbunden ist, wobei die beiden Drehachsen einander schneiden und der Schnittpunkt auf oder nahe der Zentralachse (Z) der jeweiligen Muschel (3) liegt.

IPC 1-7
H04R 5/033

IPC 8 full level
H04R 1/10 (2006.01); **H04R 5/033** (2006.01); **H04R 1/00** (2006.01)

CPC (source: EP US)
H04R 1/1066 (2013.01 - EP US); **H04R 1/1008** (2013.01 - EP US); **H04R 5/0335** (2013.01 - EP US)

Cited by
EP1638364A3; EP3339934A4; EP3016404A4; WO2023230789A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1443800 A2 20040804; **EP 1443800 A3 20090805**; **EP 1443800 B1 20110810**; AT 414198 B 20061015; AT A1532003 A 20051215; AT E520261 T1 20110815; CN 1333620 C 20070822; CN 1523927 A 20040825; JP 2004236324 A 20040819; JP 3984595 B2 20071003; RU 2004102770 A 20050710; RU 2282954 C2 20060827; US 2004216946 A1 20041104; US 7172052 B2 20070206

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