

Title (en)
INFRARED HELMET

Title (de)
INFRAROT-KOPFHÖRER

Title (fr)
CASQUE A INFRAROUGE

Publication
EP 1103162 A1 20010530 (DE)

Application
EP 99932600 A 19990801

Priority
• CH 9900361 W 19990801
• CH 162498 A 19980803

Abstract (en)
[origin: US6735306B1] An infrared head set which is made as a chin bow receiver which is designed to pick up infrared signals and convert them into an audio transmission in the auditory range. This infrared head set includes a base housing (20a-c) and two bow ends (27) with one miniature speaker each located on the end side. The two bow ends (27) are supported in the base housing (20a-c) and can be elastically spread in at least one plane. The bow ends (27) are dynamically connected to at least one switch (5) housed in the lever action range of the plane. The switch turns on the receiving circuit for a certain spread position (12) of the bow ends (27) with the spread position (12) being dependent on wearing. Automatically turning reception on and off of the chin bow receiver dependent on wearing is advantageous. In addition, the head set contains audio management circuitry which automatically turns off when a certain audio quality is not reached and automatically turns on reception again as soon as audio transmission again has a fixed minimum quality.

IPC 1-7
H04R 5/033

IPC 8 full level
H04R 1/10 (2006.01); **H04R 1/22** (2006.01); **H04R 5/027** (2006.01); **H04R 5/033** (2006.01); **H04R 23/00** (2006.01)

CPC (source: EP US)
H04R 1/1041 (2013.01 - EP US); **H04R 5/027** (2013.01 - EP US); **H04R 1/1016** (2013.01 - EP US); **H04R 1/1066** (2013.01 - EP US); **H04R 5/0335** (2013.01 - EP US); **H04R 2420/07** (2013.01 - EP US)

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