

Title (en)
BISTABLE EXPANDABLE HEADBAND

Title (de)
BISTABILER SPREIZKOPFBÜGEL

Title (fr)
ARCEAU EXTENSIBLE BISTABLE POUR CASQUE D'ECOUTE

Publication
EP 1767048 B1 20080312 (DE)

Application
EP 05758131 A 20050707

Priority
• EP 2005007327 W 20050707
• DE 102004033232 A 20040708

Abstract (en)
[origin: WO2006005501A1] The invention relates to an expandable headband for headphones (6) or headsets, in addition to headphones (6) or headsets comprising said type of headband. The aim of the invention is to produce an expandable headband for headphones (6) or headsets, which can be automatically expanded during opening or closing, which remains expanded during use and parts of the band can be automatically retracted after use. According to the invention, parts of the band (1) and/or connection elements (7a, 7b) are used in order to enable the end regions (2a, 2b) to rotate about the longitudinal axis in relation to the spring regions (3) during mounting, the end regions (2a, 2b) to be curved in relation to the curve and mechanical voltage to be produced in parts of the band (1).

IPC 8 full level
H04R 1/10 (2006.01)

CPC (source: EP US)
H04R 5/0335 (2013.01 - EP US); **H04R 1/1066** (2013.01 - EP US); **Y10T 29/49174** (2015.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 102004033232 A1 20060209; DE 502005003222 D1 20080424; EP 1767048 A1 20070328; EP 1767048 B1 20080312; US 2007289130 A1 20071220; US 7653207 B2 20100126; WO 2006005501 A1 20060119

DOCDB simple family (application)
DE 102004033232 A 20040708; DE 502005003222 T 20050707; EP 05758131 A 20050707; EP 2005007327 W 20050707; US 63192005 A 20050707