

Title (en)

EYEWEAR ACCOMMODATING HEADSET WITH ADAPTIVE AND VARIABLE EAR SUPPORT

Title (de)

BRILLE MIT AUFNAHME EINES HEADSETS MIT ADAPTIVER UND VARIABLER OHRUNTERSTÜTZUNG

Title (fr)

CASQUE D'ÉCOUTE ADAPTÉ AUX LUNETTES AVEC SUPPORT D'OREILLE ADAPTATIF ET VARIABLE

Publication

EP 3677045 A4 20210505 (EN)

Application

EP 18851274 A 20180717

Priority

- US 201715693104 A 20170831
- US 2018042396 W 20180717

Abstract (en)

[origin: WO2019045893A1] Systems and methods are provided for an eyewear accommodating headset with adaptive and variable ear support. An example headset may comprise an ear cup with two or more distinct sections that differ in one or more characteristics. A first section is adaptively configured to accommodate a temple piece of a pair of eyeglasses of a wearer of the headset, and a second section is configured to maintain contact with a temple of the wearer of the headset. The different sections may comprise different foams (or different parts of foam, each with different characteristics). The characteristics may comprise hardness and/or density. Another example headset may comprise an ear cup with a divot that accommodates the temple piece of the eyeglasses.

IPC 8 full level

H04R 1/10 (2006.01); **H04R 5/033** (2006.01); **H04R 3/04** (2006.01)

CPC (source: CN EP)

H04R 1/1008 (2013.01 - EP); **H04R 1/105** (2013.01 - CN); **H04R 5/0335** (2013.01 - EP); **H04R 1/1041** (2013.01 - EP); **H04R 1/1066** (2013.01 - EP); **H04R 1/1083** (2013.01 - EP); **H04R 3/04** (2013.01 - EP); **H04R 2201/105** (2013.01 - CN); **H04R 2201/107** (2013.01 - EP)

Citation (search report)

- [XYI] US 2015078570 A1 20150319 - GRONE CHRISTIAN [DE], et al
- [XYI] US 5706360 A 19980106 - KHANDEKAR PRAMOD [US]
- [XYI] CN 202261724 U 20120530 - UNIV SHANDONG SCIENCE & TECH
- [XYI] US 2016057524 A1 20160225 - KULAVIK RICHARD [US], et al
- [A] JP 2002101483 A 20020405 - MATSUSHITA ELECTRIC IND CO LTD
- See also references of WO 2019045893A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2019045893 A1 20190307; CN 111213388 A 20200529; CN 117156342 A 20231201; EP 3677045 A1 20200708; EP 3677045 A4 20210505

DOCDB simple family (application)

US 2018042396 W 20180717; CN 201880066278 A 20180717; CN 202311295484 A 20180717; EP 18851274 A 20180717