

Title (en)
AUDIO EYEGLASSES WITH DOUBLE-DETENT HINGE

Title (de)
AUDIO-BRILLE MIT ZWEIFLÜGELIGEM SCHARNIER

Title (fr)
LUNETTES AUDIO AVEC CHARNIÈRE À DOUBLE DÉTENTE

Publication
EP 4081854 A1 20221102 (EN)

Application
EP 21722051 A 20210407

Priority
• US 202016851730 A 20200417
• US 2021026182 W 20210407

Abstract (en)
[origin: WO2021211336A1] Various aspects include audio eyeglasses with a frame including: a lens region; a pair of arms extending from the lens region; a hinge coupling each of the pair of arms with the lens region; and a cable extending through each hinge, where each hinge includes: a body defining a cavity accommodating the cable; and a hinge mechanism within the body, the hinge mechanism having: a spring located in the lens region, the spring including at least one lever arm extending within the cavity; and a cam member contacting the lever arm of the spring, where the cam member includes: a first contact surface for resisting kickback from the spring when the audio eyeglasses are in a fully open position, and a second, distinct contact surface for resisting kickback from the spring when the audio eyeglasses are in a fully closed position.

IPC 8 full level
G02C 5/22 (2006.01); **G02C 11/00** (2006.01); **G02C 11/06** (2006.01); **H04R 1/10** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2021211336A1

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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