

Title (en)
ADAPTER FOR AN EARPHONE

Title (de)
ADAPTER FÜR EINEN OHRLAUTSPRECHER

Title (fr)
ADAPTATEUR POUR UNE OREILLETTE

Publication
EP 4176589 A1 20230510 (DE)

Application
EP 21759230 A 20210630

Priority
• AT 602142020 A 20200703
• AT 2021000013 W 20210630

Abstract (en)
[origin: WO2022000003A1] The invention relates to an adapter (2), which can be releasably connected to an earphone (1) and assists in the fastening of the earphone (1) to a human ear, without impairing the sound output of the earphone. In order to fasten the adapter to the earphone (1), a shell-type part (5) of the adapter (2) encompasses a volume region of the earphone (1), the shell-type part being in planar contact with the earphone (1) under pressure, the compressive force being caused predominantly by elastic bending deformation of the shell-type part (5) as a result of the contact with the earphone (1).

IPC 8 full level
H04R 1/10 (2006.01)

CPC (source: AT EP US)
H04R 1/1016 (2013.01 - AT EP US); **H04R 1/105** (2013.01 - AT EP US); **H04R 1/1066** (2013.01 - AT EP US); **H04R 25/652** (2013.01 - AT); **H04R 2201/109** (2013.01 - AT)

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)
WO 2022000003 A1 20220106; **WO 2022000003 A8 20230119**; AT 523938 A4 20220115; AT 523938 B1 20220115; CN 115769598 A 20230307; EP 4176589 A1 20230510; JP 2023531450 A 20230724; KR 20230034346 A 20230309; US 2023292033 A1 20230914

DOCDB simple family (application)
AT 2021000013 W 20210630; AT 602142020 A 20200703; CN 202180043320 A 20210630; EP 21759230 A 20210630; JP 2022578662 A 20210630; KR 20237003685 A 20210630; US 202118014028 A 20210630