

Title (en)
A HEARING DEVICE

Title (de)
HÖRGERÄT

Title (fr)
DISPOSITIF AUDITIF

Publication
EP 4254985 A1 20231004 (EN)

Application
EP 22165766 A 20220331

Priority
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Abstract (en)
The present disclosure relates to an in-the-ear (ITE) part (1) configured for placement at least partially within an ear canal of the user, the ITE part (1) comprising: a connector (21) configured for coupling to a BTE part configured to be worn behind a pinna of a user, and a hollow earmould (3) comprising: a front end (5), a rear end (7), and a hollow cavity (23), the earmould being configured for the front end (5) to be positioned facing a tympanic membrane of the user during use, the front end (5) comprising a front opening (9), the front opening (9) comprising a front filter (15), and the rear end (7) comprising a rear opening (10), the ITE part (1) further comprising: a receiver (11) arranged in the hollow cavity (23), a sound passage extending between the front opening (9) and the rear end (7), and configured to allow for fluid connection between the front opening (9) and an exterior of the hollow earmould (3), an active vent (13) comprising a valve, the valve being positioned at the front end (5) and the active vent being configured to have an open state and a closed state, wherein the valve, in the open state, provides a fluid connection through the sound passage, wherein the valve, in the closed state, hinders fluid connection through the sound passage, and a rear filter (17) arranged at the rear opening, or in the hollow cavity and in-between the rear opening and the valve of the active vent.

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Citation (search report)
• [Y] US 2019208343 A1 20190704 - MONTI CHRISTOPHER [US], et al
• [Y] US 2019208301 A1 20190704 - MONTI CHRISTOPHER [US], et al
• [A] WO 2022019752 A1 20220127 - SONION NEDERLAND BV [NL]
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