

Title (en)
MICROPHONE ARRANGEMENT FOR A RADIO DEVICE

Title (de)
MIKROFONANORDNUNG FÜR EIN FUNKGERÄT

Title (fr)
AGENCEMENT DE MICROPHONE POUR UN DISPOSITIF RADIO

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Application
EP 21184660 A 20210709

Priority
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Abstract (en)
The invention relates to a microphone arrangement (10) for a radio device (60). The microphone arrangement (10) comprises an acoustic chamber (12) which is arranged within a housing (1) of the radio device (60); a sound channel (11) which is arranged to connect the acoustic chamber (12) to an outside of the housing (1); a cover (2) which is arranged between the acoustic chamber (12) and the sound channel (11); a microphone (4) which is arranged in the acoustic chamber (12); and a foam element (3) which is inserted in the acoustic chamber (12) in order to reduce sound reflections in the acoustic chamber (12) .

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Citation (applicant)
EP 0686408 B1 20000830 - BERLIN FLORENCE [CH]

Citation (search report)
• [Y] JP 2001333475 A 20011130 - MATSUSHITA ELECTRIC IND CO LTD
• [Y] US 2012008794 A1 20120112 - GRATKE JESSE T [US]
• [Y] EP 0333411 A2 19890920 - UNIV ESSEX [GB]
• [Y] US 2019394550 A1 20191226 - MENNITT DANIEL J [US]
• [Y] WO 2014107734 A2 20140710 - CATALYST LIFESTYLE LTD [CN], et al
• [Y] US 2020234686 A1 20200723 - HOSODA KOSUKE [JP], et al
• [Y] US 2013251183 A1 20130926 - DOLLER ANDREW J [US], et al

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