Title (en)
   AUDIO PROCESSING

Title (de)
   AUDIOVERARBEITUNG

Title (fr)
   TRAITEMENT AUDIO

Publication
   EP 4064734 A1 20220928 (EN)

Application
   EP 21165215 A 20210326

Priority
   EP 21165215 A 20210326

Abstract (en)
   Apparatus comprising means for:detecting user input indicating a presence of a user-controlled obstruction that obstructs at least one microphone;receiving obstructed audio input from at least one obstructed microphone when a user is providing an, at least partial, obstruction between the at least one obstructed microphone and a first region;receiving unobstructed audio input from at least one unobstructed microphone when the user is not providing the, at least partial, obstruction between the at least one unobstructed microphone and the first region;comparing the obstructed audio input and the unobstructed audio input;creating a frequency dependent filter in dependence upon the comparison;filtering received audio input from the at least one microphone to create filtered audio that amplifies or attenuates an audio source in the first region.

IPC 8 full level
   H04R 29/00 (2006.01); H04R 1/40 (2006.01); H04R 3/00 (2006.01)

CPC (source: CN EP)
   G10L 21/0208 (2013.01 - CN); **G10L 21/0232** (2013.01 - CN); **H04R 1/24** (2013.01 - CN); **H04R 1/28** (2013.01 - CN); **H04R 29/004** (2013.01 - EP); H04R 1/406 (2013.01 - EP); H04R 3/005 (2013.01 - EP); H04R 29/005 (2013.01 - EP); H04R 2201/401 (2013.01 - EP); H04R 2430/03 (2013.01 - EP); H04R 2430/25 (2013.01 - EP); H04R 2499/11 (2013.01 - EP)

Citation (search report)
   • [XI] US 2012057733 A1 20120308 - MORII KEIKO [JP], et al
   • [XI] US 2015312691 A1 20151029 - VIROLAINEN JUSSI [FI], et al
   • [XI] US 2016373872 A1 20161222 - CHEN FUSHUN [CN], et al

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

DOCDB simple family (publication)
   EP 4064734 A1 20220928; CN 115132216 A 20220930

DOCDB simple family (application)
   EP 21165215 A 20210326; CN 202210306872 A 20220325