

Title (en)
DIGITAL MICROPHONE

Title (de)
DIGITALES MIKROFON

Title (fr)
MICROPHONE NUMERIQUE

Publication
EP 1706951 A1 20061004 (DE)

Application
EP 04804418 A 20041230

Priority
• EP 2004014833 W 20041230
• DE 10361817 A 20031230

Abstract (en)
[origin: WO2005064828A1] The invention relates to a method for the transmission of digitised audio information with high quality and little delay, in particular, methods for the transmission of digitised audio information in an audio pick-up (microphone) and/or playback line. According to the invention, a channel filter is disclosed, applied to shape the high frequency spectrum of the transmission, whereby the spectrum has no damping in a first region, from roughly 100 to 300 kHz useful bandwidth and, in a region outside the first region, has a stop-band attenuation of, in particular, more than 60 dB, or more than 80 dB.

IPC 8 full level
H04R 1/00 (2006.01); **H04B 7/06** (2006.01); **H04H 60/04** (2008.01)

IPC 8 main group level
H04H 7/00 (2006.01)

CPC (source: EP US)
H04R 1/005 (2013.01 - EP US); **H04B 7/0608** (2013.01 - EP US); **H04B 7/0613** (2013.01 - EP US); **H04H 60/04** (2013.01 - EP US); **H04L 7/0029** (2013.01 - EP US); **H04R 1/08** (2013.01 - EP US); **H04R 2420/07** (2013.01 - EP US)

Citation (search report)
See references of WO 2005064828A1

Citation (examination)
US 5315583 A 19940524 - MURPHY JOHN L [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005064828 A1 20050714; CN 102395063 A 20120328; CN 102395063 B 20160518; CN 1902845 A 20070124; EP 1706951 A1 20061004; EP 2192788 A2 20100602; EP 2192788 A3 20100804; JP 2007517441 A 20070628; US 2007168819 A1 20070719; US 8332058 B2 20121211

DOCDB simple family (application)
EP 2004014833 W 20041230; CN 200480039672 A 20041230; CN 201110234206 A 20041230; EP 04804418 A 20041230; EP 09015915 A 20041230; JP 2006546108 A 20041230; US 58521704 A 20041230