

Title (en)  
Differential microphone circuit

Title (de)  
Differentialmikrofonschaltung

Title (fr)  
Circuit de microphone différentiel

Publication  
**EP 2461604 A1 20120606 (EN)**

Application  
**EP 10193885 A 20101206**

Priority  
EP 10193885 A 20101206

Abstract (en)  
An apparatus for a portable electronic device for receiving a jack of a headset, the jack including a set of lines, the set of lines including at least one audio line, a ground signal and a microphone signal line, the apparatus comprising a set of switches for receiving the ground signal line and the microphone signal line and a sensing circuit for reducing induced noise from the headset, wherein the sensing circuit is located between the set of switches and the microphone signal line and ground signal line.

IPC 8 full level  
**H04R 3/00** (2006.01)

CPC (source: EP)  
**H04R 3/00** (2013.01)

Citation (search report)  
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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 2461604 A1 20120606; EP 2461604 B1 20170419**; CA 2759921 A1 20120606; CA 2759921 C 20151103

DOCDB simple family (application)  
**EP 10193885 A 20101206**; CA 2759921 A 20111130