

Title (en)
HEADSET PORTING

Title (de)
KOPFHÖRER-EINLASSSYSTEM

Title (fr)
CASQUE D'ÉCOUTE AVEC DISPOSITIF D'ADMISSION

Publication
EP 3120575 B1 20180829 (EN)

Application
EP 15711631 A 20150313

Priority
• US 201414215629 A 20140317
• US 2015020333 W 20150313

Abstract (en)
[origin: WO2015142630A1] A headset includes at least one ear cup having front and rear cavities separated by a driver. The cup includes a pressure equalization port coupling the front cavity to space outside the cup, the pressure equalization port having a cross-sectional area greater than 2 mm² and being significantly longer than it is wide, providing a principally reactive acoustic impedance, such that the pressure response of the front cavity including the port to signals input via the driver may be effectively linear over a wide range of pressure levels within the front cavity.

IPC 8 full level
H04R 1/10 (2006.01)

CPC (source: EP)
H04R 1/1083 (2013.01); **H04R 2460/01** (2013.01)

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

DOCDB simple family (publication)
WO 2015142630 A1 20150924; CN 106105257 A 20161109; CN 106105257 B 20191203; EP 3120575 A1 20170125; EP 3120575 B1 20180829; JP 2017513356 A 20170525; JP 6336613 B2 20180606

DOCDB simple family (application)
US 2015020333 W 20150313; CN 201580013927 A 20150313; EP 15711631 A 20150313; JP 2016558040 A 20150313