

Title (en)  
COMMUNICATION EYEWEAR ASSEMBLY

Title (de)  
BRILLE MIT KOMMUNIKATIONSANORDNUNG

Title (fr)  
ENSEMBLE D'ARTICLE DE LUNETTERIE DOTÉ D'UNE FONCTION DE COMMUNICATION

Publication  
**EP 2545718 A4 20130814 (EN)**

Application  
**EP 10847582 A 20100310**

Priority  
US 2010000717 W 20100310

Abstract (en)  
[origin: WO2011112165A1] A frame assembly is worn by a wearer to maintain at least one substantially transparent eye panel in a generally shielding position in front of the wearer's eyes A processor receives an incoming audio signal and wirelessly transmits the incoming audio signal to at least one earpiece which audibly communicates the incoming audio signal to the wearer An outbound microphone assembly picks up an outbound audio signal from the wearer and transmits the outbound audio signal to the processor which further transmits the outbound signal to a remote recipient An ambient microphone assembly picks up an ambient audio signal and transmits the ambient audio signal to the processor The processor is structured to enhance the incoming audio signal and/or the outbound audio signal based on the ambient audio signal The processor is also structured to transmit a voice component of the ambient audio signal to the earpiece.

IPC 8 full level  
**H04R 1/10** (2006.01); **H04R 3/00** (2006.01); **H04R 5/033** (2006.01)

CPC (source: EP KR)  
**G02C 11/10** (2013.01 - EP); **H04R 1/00** (2013.01 - KR); **H04R 1/10** (2013.01 - KR); **H04R 1/1083** (2013.01 - EP); **H04R 25/02** (2013.01 - KR); **H04R 1/1016** (2013.01 - EP); **H04R 1/1025** (2013.01 - EP); **H04R 1/1041** (2013.01 - EP); **H04R 1/105** (2013.01 - EP); **H04R 3/005** (2013.01 - EP); **H04R 5/033** (2013.01 - EP); **H04R 2201/107** (2013.01 - EP); **H04R 2410/05** (2013.01 - EP); **H04R 2420/07** (2013.01 - EP)

Citation (search report)

- [X] WO 2004028203 A2 20040401 - STICHTING TECH WETENSCHAPP [NL], et al
- [A] WO 2007052185 A2 20070510 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- See references of WO 2011112165A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011112165 A1 20110915**; AU 2010347741 A1 20120913; CA 2791531 A1 20110915; CN 102783186 A 20121114; EP 2545718 A1 20130116; EP 2545718 A4 20130814; JP 2013522953 A 20130613; JP 5766219 B2 20150819; KR 20130071419 A 20130628

DOCDB simple family (application)  
**US 2010000717 W 20100310**; AU 2010347741 A 20100310; CA 2791531 A 20100310; CN 201080065202 A 20100310; EP 10847582 A 20100310; JP 2012557012 A 20100310; KR 20127023357 A 20100310