

Title (en)  
VOICE-BASED COMMUNICATIONS

Title (de)  
SPRACHBASIERTE KOMMUNIKATION

Title (fr)  
COMMUNICATIONS VOCALES

Publication  
**EP 3507796 A1 20190710 (EN)**

Application  
**EP 17765015 A 20170831**

Priority  

- US 201615254359 A 20160901
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- US 201615254600 A 20160901
- US 2017049578 W 20170831

Abstract (en)  
[origin: WO2018045154A1] Systems, methods, and devices for escalating voice-based interactions via speech- controlled devices are described. Speech-controlled devices capture audio, including wakeword portions and payload portions, for sending to a server to relay messages between speech-controlled devices. In response to determining the occurrence of an escalation event, such as repeated messages between the same two devices, the system may automatically change a mode of a speech-controlled device, such as no longer requiring a wakeword, no longer requiring an indication of a desired recipient, or automatically connecting two speech- controlled devices in a voice-chat mode. In response to determining the occurrence of further escalation events, the system may initiate a real-time call between the speech-controlled devices.

IPC 8 full level  
**G10L 15/22** (2006.01); **G10L 13/00** (2006.01); **G10L 15/08** (2006.01); **H04L 12/58** (2006.01); **H04M 3/42** (2006.01); **H04M 7/00** (2006.01)

CPC (source: EP KR)  
**G10L 13/08** (2013.01 - KR); **G10L 15/22** (2013.01 - EP KR); **H04L 51/04** (2013.01 - EP KR); **H04L 51/18** (2013.01 - EP KR); **H04M 3/42263** (2013.01 - EP KR); **H04M 7/0042** (2013.01 - EP KR); **G10L 13/00** (2013.01 - EP); **G10L 2015/088** (2013.01 - EP KR); **G10L 2015/223** (2013.01 - EP KR); **H04M 2201/14** (2013.01 - EP); **H04M 2203/652** (2013.01 - EP)

Citation (search report)  
See references of WO 2018045154A1

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

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DOCDB simple family (publication)  
**WO 2018045154 A1 20180308**; CN 109791764 A 20190521; EP 3507796 A1 20190710; KR 20190032557 A 20190327

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**US 2017049578 W 20170831**; CN 201780060299 A 20170831; EP 17765015 A 20170831; KR 20197005828 A 20170831