

Title (en)  
ELECTRONIC APPARATUS, CONTROLLING METHOD OF THEREOF AND NON-TRANSITORY COMPUTER READABLE RECORDING MEDIUM

Title (de)  
ELEKTRONISCHE VORRICHTUNG, STEUERUNGSVERFAHREN DAFÜR UND NICHTTRANSITORISCHES COMPUTERLESBARES AUFZEICHNUNGSMEDIUM

Title (fr)  
APPAREIL ÉLECTRONIQUE, PROCÉDÉ DE COMMANDE ASSOCIÉ ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR NON TRANSITOIRE

Publication  
**EP 3545487 A4 20191120 (EN)**

Application  
**EP 18772684 A 20180308**

Priority  
• KR 20170037129 A 20170323  
• KR 20170155897 A 20171121  
• KR 2018002766 W 20180308

Abstract (en)  
[origin: KR20180108400A] Provided are an electronic apparatus, a control method thereof, and a non-transitory computer readable recording medium. The present disclosure relates to artificial intelligence (AI) systems and applications thereof that utilize machine learning algorithms such as deep learning. According to an embodiment of the present disclosure, the electronic apparatus comprises: an input unit receiving a natural language input by a user; a communication unit performing communication with a plurality of external chatting servers; and a processor analyzing a characteristic of the natural language and a characteristic of the user to identify a chatting server corresponding to the natural language among the plurality of chatting servers, and controlling the communication unit to transmit the natural language to the identified chatting server in order to receive a response with respect to the natural language. In this case, the plurality of chatting servers may provide a response by analyzing the natural language input by the user by using rule-based or AI algorithms. In addition, the electronic apparatus can determine the chatting server corresponding to the natural language input by the user among the plurality of chatting servers by using the rule-based or AI algorithms. Machine learning, neural networks, or deep learning algorithms may be used when analyzing speech or determining the chatting server by using the AI algorithm.

IPC 8 full level  
**G06Q 50/30** (2012.01); **G06N 99/00** (2019.01); **G10L 15/04** (2013.01); **G10L 15/26** (2006.01)

CPC (source: EP KR US)  
**G06F 40/30** (2020.01 - EP); **G06F 40/40** (2020.01 - US); **G06N 3/045** (2023.01 - EP); **G06N 3/084** (2013.01 - EP); **G06N 20/00** (2019.01 - KR); **G06Q 50/40** (2024.01 - KR); **G10L 15/04** (2013.01 - KR); **G10L 15/26** (2013.01 - KR); **H04L 51/02** (2013.01 - EP); **H04L 51/04** (2013.01 - EP US); **G06N 3/006** (2013.01 - EP); **G06N 20/00** (2019.01 - US)

Citation (search report)  
• [X] US 2016035353 A1 20160204 - CHEN JOHNNY [US], et al  
• [I] US 2017048170 A1 20170216 - SMULLEN RICHARD [US], et al  
• [A] US 2009204400 A1 20090813 - SHIELDS T RUSSELL [US], et al  
• See also references of WO 2018174443A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
CN 110462676 A 20191115; EP 3545487 A1 20191002; EP 3545487 A4 20191120; KR 102656620 B1 20240412; KR 20180108400 A 20181004

DOCDB simple family (application)  
CN 201880019376 A 20180308; EP 18772684 A 20180308; KR 20170155897 A 20171121