

Title (en)
SPEECH TO TEXT CONVERSION OF NON-SUPPORTED TECHNICAL LANGUAGE

Title (de)
SPRACH-ZU-TEXT UMWANDLUNG VON NICHT-UNTERSTÜTZTER FACHSPRACHE

Title (fr)
CONVERSION PAROLE-TEXTE DE LANGAGE TECHNIQUE NON PRIS EN CHARGE

Publication
EP 3942549 A1 20220126 (DE)

Application
EP 20711580 A 20200313

Priority
• EP 19163510 A 20190318
• EP 2020056960 W 20200313

Abstract (en)
[origin: WO2020187787A1] The invention relates to a computer-implemented method for converting speech to text. The method comprises: receiving (102) a speech signal (206) which contains general language terms and technical language terms; - inputting (104) the received speech signal into a speech-to-text conversion system (226) which only supports the conversion of speech signals into a target vocabulary (234) which does not contain technical language terms; - receiving (106) a text (208) which was generated by the speech-to-text conversion system from the speech signal; - generating (110) a corrected text (210) by automatically replacing target vocabulary terms and expressions in the received text with technical language terms in accordance with an assignment table (238), which assigns at least one term wrongly recognised or expression wrongly recognised by the speech-to-text conversion system from the target vocabulary to each of a plurality of technical language terms; and - outputting (112) the corrected text to the user or to a software component and/or hardware component for executing a function.

IPC 8 full level
G10L 15/14 (2006.01); **G06F 40/20** (2020.01); **G10L 15/19** (2013.01); **G10L 15/22** (2006.01); **G10L 15/26** (2006.01)

CPC (source: EP US)
G06F 40/166 (2020.01 - US); **G06F 40/20** (2020.01 - EP); **G06F 40/253** (2020.01 - US); **G10L 15/142** (2013.01 - EP); **G10L 15/19** (2013.01 - EP US); **G10L 15/22** (2013.01 - EP US); **G10L 15/26** (2013.01 - EP); **G10L 15/30** (2013.01 - US); **G06F 40/157** (2020.01 - EP); **G10L 2015/221** (2013.01 - EP)

Citation (search report)
See references of WO 2020187787A1

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)
WO 2020187787 A1 20200924; AR 118332 A1 20210929; CN 113678196 A 20211119; EP 3942549 A1 20220126; JP 2022526467 A 20220524; TW 202046292 A 20201216; TW 1742562 B 20211011; US 2022270595 A1 20220825

DOCDB simple family (application)
EP 2020056960 W 20200313; AR P200100683 A 20200311; CN 202080022512 A 20200313; EP 20711580 A 20200313; JP 2022504328 A 20200313; TW 109108492 A 20200313; US 202017439891 A 20200313