Title (en)

SYSTEMS AND METHODS FOR EVENT SUMMARIZATION FROM DATA

Title (de)

SYSTEME UND VERFAHREN ZUR EREIGNISZUSAMMENFASSUNG AUS DATEN

Title (fr)

SYSTÈMES ET PROCÉDÉS DE RÉCAPITULATION D'ÉVÉNEMENTS À PARTIR DE DONNÉES

Publication

EP 3970031 A4 20230607 (EN)

Application

EP 20809703 A 20200428

Priority

- US 202016848739 A 20200414
- US 201962849182 P 20190517
- US 201916700746 A 20191202
- IB 2020054007 W 20200428

Abstract (en)

[origin: WO2020234673A1] In some aspects, a method includes extracting sentences from data corresponding to documents. Each extracted sentence includes at least one matched pair (a keyword from a first or second keyword set and an entity from an entity set). The method includes ordering the plurality of extracted sentences based on a distance between a respective keyword and a respective entity in each extracted sentence. The method includes identifying a first type and a second type of extracted sentences from the ordered plurality of extracted sentences. Sentences having the first type include keywords of the first keyword set. Sentences having the second type include keywords of the second keyword set. The method includes generating an extracted summary including at least one sentence having the first type and at least one sentence having the second type, intermixed based on a predetermined order rule set. The method includes outputting the extracted summary.

IPC 8 full level

G06F 16/738 (2019.01); **G06F 16/953** (2019.01); **G06F 40/10** (2020.01); **G06F 40/20** (2020.01); **G06F 40/247** (2020.01); **G06F 40/284** (2020.01); **G06F 40/295** (2020.01); **G06F 40/56** (2020.01); **G06Q 50/10** (2012.01); **G06Q 50/26** (2012.01)

CPC (source: EP)

G06F 16/3344 (2019.01); **G06F 40/247** (2020.01); **G06F 40/279** (2020.01); **G06F 40/284** (2020.01); **G06F 40/56** (2020.01); **G06Q 10/0635** (2013.01); **G06Q 30/0201** (2013.01); **G06Q 50/26** (2013.01)

Citation (search report)

- [I] JP H07192011 A 19950728 - NEC CORP
- [I] MCKEOWN KATHLEEN ET AL: "Columbia Multi-Document Summarization: Approach and Evaluation", DOC 2001, 1 January 2001 (2001-01-01), XP093041477, Retrieved from the Internet <URL:https://www-nlpir.nist.gov/projects/duc/pubs/2001papers/columbia_redo.pdf>
- [I] OKAZAKI NAOAKI ET AL: "TISS: An Integrated Summarization System for TSC-3", 1 June 2004 (2004-06-01), XP093041483, Retrieved from the Internet <URL:http://research.nii.ac.jp/ntcir/workshop/OnlineProceedings4/TSC/NTCIR4-TSC-OkazakiN.pdf> [retrieved on 20230424]
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- See also references of WO 2020234673A1

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 2020234673 A1 20201126; AU 2020278972 A1 20211125; AU 2020278972 B2 20230706; CA 3139081 A1 20201126; CA 3139081 C 20240409; EP 3970031 A1 20220323; EP 3970031 A4 20230607

DOCDB simple family (application)

IB 2020054007 W 20200428; AU 2020278972 A 20200428; CA 3139081 A 20200428; EP 20809703 A 20200428