

Title (en)

PROBABILISTIC ITEM MATCHING AND SEARCHING

Title (de)

PROBABILISTISCHE ARTIKELABSTIMMUNG UND -SUCHE

Title (fr)

RECHERCHE ET MISE EN CORRESPONDANCE D'ÉLÉMENT PROBABILISTE

Publication

EP 3861518 A4 20220629 (EN)

Application

EP 19869731 A 20191001

Priority

- US 201862740182 P 20181002
- US 201862740165 P 20181002
- US 201916288373 A 20190228
- US 201916288379 A 20190228
- US 2019054006 W 20191001

Abstract (en)

[origin: WO2020072453A1] Disclosed herein are system, method, and computer program product embodiments for probabilistic item matching and searching. A system including at least one processor may be configured to receive a data point relating to a specific item, generate a database query based on the data point, and receive a response to the database query. The response may include multiple candidate items relating to the specific item. The system may be further configured to receive a first input relating to the specific item and generate a probability score for at least two candidate items of the multiple candidate items in the response, based on at least the second input. The system may be further configured to select a selected item from the candidate items, based on the probability score for the selected item. The system may be further configured to output a reference to, or value representing, the selected item.

IPC 8 full level

G06Q 30/06 (2012.01); **G06Q 30/02** (2012.01); **G06Q 30/08** (2012.01)

CPC (source: EP KR)

G06Q 30/0283 (2013.01 - EP); **G06Q 30/0623** (2013.01 - EP); **G06Q 30/0631** (2013.01 - KR); **G06Q 30/08** (2013.01 - EP KR)

Citation (search report)

- [I] US 2018108066 A1 20180419 - KALE AJINKYA GORAKHNATH [US], et al
- [I] US 2014100991 A1 20140410 - LENAHAHAN MICHAEL [US], et al
- See also references of WO 2020072453A1

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 2020072453 A1 20200409; AU 2019352948 A1 20210506; CA 3114908 A1 20200409; EP 3861518 A1 20210811; EP 3861518 A4 20220629; JP 2022514156 A 20220210; JP 2024041849 A 20240327; JP 7417597 B2 20240118; KR 20210054021 A 20210512

DOCDB simple family (application)

US 2019054006 W 20191001; AU 2019352948 A 20191001; CA 3114908 A 20191001; EP 19869731 A 20191001; JP 2021518907 A 20191001; JP 2024000700 A 20240105; KR 20217013060 A 20191001