Title (en)
DATA COLLECTION FOR A NEW CONVERSATIONAL DIALOGUE SYSTEM

Title (de)
DATENERFASSUNG FÜR EIN NEUES GESPRÄCHSDIALOGSYSTEM

Title (fr)
COLLECTE DE DONNÉES DESTINÉE À UN NOUVEAU SYSTÈME DE DIALOGUE CONVERSATIONNEL

Publication
EP 3535664 A1 20190911 (EN)

Application
EP 17867628 A 20171106

Priority
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Abstract (en)
[origin: CN109891410A] A data collection system is based on a general set of dialogue acts which are derived from a database schema. Crowd workers perform two types of tasks: (i) identification of sensical dialogue paths and (ii) performing context-dependent paraphrasing of these dialogue paths into real dialogues. The end output of the system is a set of training examples of real dialogues which have been annotated with their logical forms. The data can be used to train all three components of the dialogue system: (i) the semantic parser for understanding context-dependent utterances, (ii) the dialogue policy for generating new dialogue acts given the current state, and (iii) the generation system for both deciding what to say and how to render it in natural language.

IPC 8 full level
G06F 40/20 (2020.01)

CPC (source: EP US)
G06F 3/0482 (2013.01 - US); **G06F 7/08** (2013.01 - US); **G06F 40/169** (2020.01 - US); **G06F 40/20** (2020.01 - EP US); **G06F 40/205** (2020.01 - US); **G06F 40/30** (2020.01 - US); **G06N 20/00** (2018.12 - US); **G10L 15/063** (2013.01 - EP); G10L 15/22 (2013.01 - EP); G10L 2015/0638 (2013.01 - EP)

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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)
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CN 109891410 A 20190614; CN 109891410 B 20230623; EP 3535664 A1 20190911; EP 3535664 A4 20200617

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