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(54) **Title:** DATA PROCESSING METHOD, TEXT PROCESSING METHOD, IMAGE PROCESSING METHOD, COMPUTING DEVICE, COMPUTER STORAGE MEDIUM AND COMPUTER PROGRAM PRODUCT

(54) 发明名称: 数据处理方法、文本处理方法、图像处理方法、计算设备、计算机存储介质以及计算机程序产品

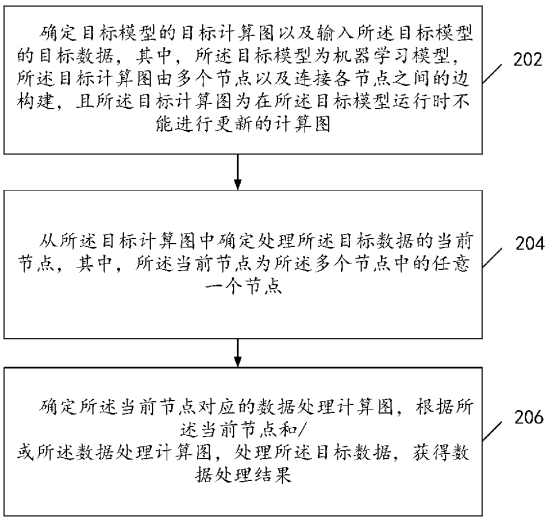

图2

202 Determine a target computation graph of a target model and input target data of the target model, wherein the target model is a machine learning model, the target computation graph is constructed by a plurality of nodes and edges connecting the nodes, and the target computation graph is a computation graph which cannot be updated when the target model is running

204 Determine from the target computation graph the current node for processing the target data, wherein the current node is any node among the plurality of nodes

206 Determine a data processing computation graph corresponding to the current node, process the target data on the basis of the current node and/or the data processing computation graph, and obtain a data processing result

(57) **Abstract:** Provided in the embodiments of the present description are a data processing method, a text processing method, an image processing method, a computing device, a computer storage medium and a computer program product. The data processing method comprises: determining a target computation graph of a target model and inputting target data of the target model; determining from the target computation graph the current node for processing the target data; and determining a data processing computation graph corresponding to the current node, processing the target data on the basis of the current node and/or the data processing computation

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根据细则4.17的声明:

— 关于申请人有权要求在先申请的优先权(细则4.17(iii))

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graph, and obtaining a data processing result. By means of flexibly calling a data processing computation graph, it can be ensured that a target model performs an efficient and accurate pre-processing or post-processing operation on target data, a computation process is dynamically inserted into a target computation graph, and secondary compilation is not needed, such that the overheads of computation graph compilation are saved on, the requirement and consumption for computer hardware resources are reduced, and the model inference efficiency is improved.

(57) 摘要: 本说明书实施例提供数据处理方法、文本处理方法、图像处理方法、计算设备、计算机存储介质以及计算机程序产品，其中所述数据处理方法，包括：确定目标模型的目标计算图以及输入所述目标模型的目标数据；从所述目标计算图中确定处理所述目标数据的当前节点；确定所述当前节点对应的数据处理计算图，根据所述当前节点和/或所述数据处理计算图，处理所述目标数据，获得数据处理结果；通过灵活地调用数据处理计算图，能确保目标模型对目标数据进行高效、准确的前置处理或后置处理操作，实现在目标计算图中动态插入计算流程，且无需二次编译，节省计算图编译的开销，减少对计算机硬件资源的需求和消耗，提高模型推理效率。