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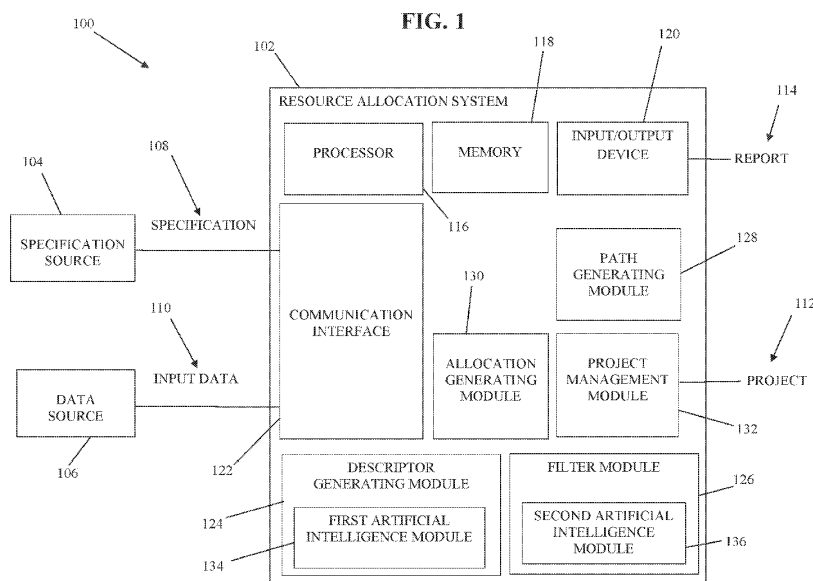
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(54) Title: SYSTEM AND METHOD CONFIGURED TO ALLOCATE RESOURCES USING DESCRIPTORS PROCESSED BY ARTIFICIAL INTELLIGENCE



(57) Abstract: A system and method resources using data descriptors processed by artificial intelligence to allocate resources of an organization for performing research and development (R&D). The system includes a processor 116, a memory 118, and a set of modules including a descriptor generating module 124, a filter module 126, a path generating modules 128, and an allocation generating module 130. The descriptor generating module generates scientific descriptors from a specification and generates a non-scientific descriptor from input data. The filter module filters the scientific descriptors using the non-scientific descriptor to generate filtered scientific descriptors. The path generating module uses the filtered scientific descriptors to generate a viable R&D path. The allocation generating module uses the viable R&D path to allocate the resources to implement the specification. The method implements the system.

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WO 2025/151319 A1

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