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(54) **SEMANTIC QUERIES BASED ON SEMANTIC REPRESENTATION OF PROGRAMS AND DATA SOURCE ONTOLOGIES**

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(57) **ABSTRACT**

Techniques for generating and searching semantic flow graphs are provided that include creating, by a system operatively coupled to a processor employing a semantic flow graph creation process, a semantic flow graph based on an ontology associated with a set of subjects and a raw flow graph determined from an analysis of a data set relating to the set of subjects and searching, by the system, the semantic flow graph to determine a subset of information of the semantic flow graph that is responsive to a query based on the query and information of the semantic flow graph.