

(54) Title of the invention : SYSTEM AND METHOD FOR SEARCHING FILES IN AN INTERPLANETARY FILE SYSTEM (IPFS)

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(57) Abstract :

A system (100) for searching an entity in an interplanetary file system (IPFS) is disclosed. The system includes a processor (104) of a server configured to monitor one or more hashes from a chatter between at least two nodes (102-1, 102-2,..... 102-N) of a distributed system implementing the interplanetary file system; retrieve data from the one or more monitored hashes; generate at least one index for the retrieved data; and display, when triggered to fetch, the entity from IPFS, wherein the entity is selected from at least one of a file, folder, directory, at least one software that is installed on the node, and available resources of the nodes of the distributed system.

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