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(54) **SIMILARITY DEGREE DERIVATION
SYSTEM AND SIMILARITY DEGREE
DERIVATION METHOD**

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(57) **ABSTRACT**

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The hash value calculation means **2**, when obtaining multiple hash values obtained by applying multiple hash functions to individual elements of each set in multiple sets, obtains the multiple hash values for individual elements of each set, eliminating duplicate calculations of each hash function other than a predetermined hash function among the multiple hash functions with respect to multiple elements whose hash values obtained by the predetermined hash function match and which are equivalent. The minimum hash value identification means **3** identifies minimum hash value which is the minimum value of hash values for each individual hash function, for each set in the multiple sets. The similarity degree derivation means **4** derives, with respect to one or more pairs of sets obtained from the multiple sets, similarity degree of two sets that form a pair based on minimum hash values corresponding to individual hash functions.

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