

**A METHOD AND A SOFTWARE IMPLEMENTED TOOL FOR
DETECTING PLAGIARISM IN DOCUMENTS**

ABSTRACT

The present invention resides in a method for detecting plagiarism in a given 'test' document. The method comprises generating search strings pertaining to a given document, namely, the 'test' document, creating a local repository of the search results including the potential target documents of the source document, uploading said test document in a local database, comparing semantically each potential source document with the test document, generating a report in a columnar format displaying the plagiarized passages of the source and the target document along with the percent similarity, wherein the comparison of the source and the target document is carried out by a sliding window technique and wherein prior to comparing the target and the source documents, said documents are converted from a text format to a hashed format. The invention also relates to a tool which comprises means for generating search strings pertaining to a given document, namely, the 'test' document, means for creating a local repository of the search results including the potential target documents of the source document, means for comparing semantically each potential target document with the source document, means for generating a report in a columnar format displaying the plagiarized passages of the source and the target document along with the percent similarity. The comparison of the source and the target document is carried out by a sliding window technique and wherein prior to comparing the target and the source documents, said documents are converted from a text format to a hashed format.

FIGURE 1