



(54) **BLOCKED XOR FILTER FOR BLACKLIST FILTERING**

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(57) **ABSTRACT**

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A method of filtering a URL against a blacklist includes receiving at least a portion of a Uniform Resource Locator (URL), and determining which of a plurality of XOR filters is applicable to the received at least a portion of a URL, where each of the plurality of XOR filters represents a different portion of a URL blacklist. At least a portion of a URL is forwarded to the applicable one of the plurality of XOR filters, and the at least a portion of the URL is processed in the applicable one of the plurality of XOR filters to produce an output indicating whether the URL is likely on the blacklist.

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