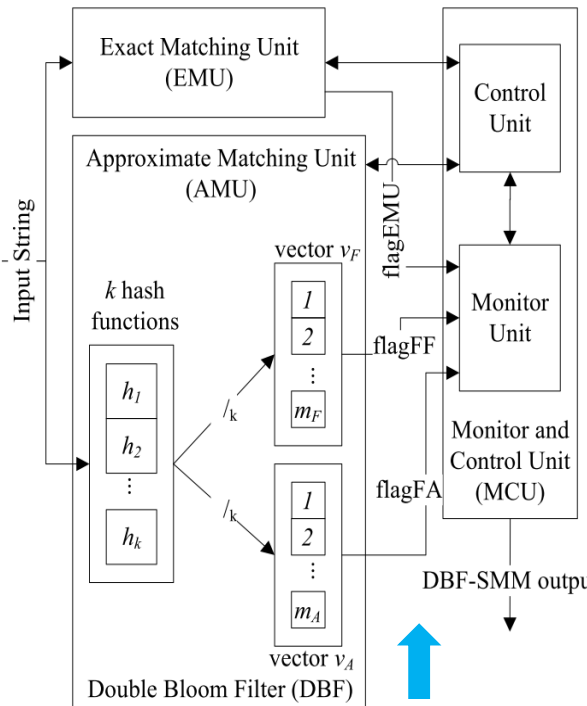


Salih ZENGİN: Fast, Efficient and Dynamically Optimized Data and Hardware Architectures for String Matching (2014)



DBF-SMM: Fast, efficient and dynamically optimized fixed-size multi-String Matching Module



- ❖ **Approximate SM type low memory consumption**
- ❖ **Hardware-type high scan rate**
- ❖ **Exact SM type correctness**
- ❖ **Support to dynamic content changes**
- ❖ **Memory-based; no need to hardware reconfiguration**
- ❖ **Sustain scan rate under high rates of positive inputs**

MBFbAC-wDFA: Multiple BF's and Aho-Corasick based multi-byte multi-string DFA for variable-size SMM

