

Title (en)

A SYSTEM AND METHOD FOR NETWORK INCIDENT IDENTIFICATION, CONGESTION DETECTION, ANALYSIS, AND MANAGEMENT

Title (de)

SYSTEM UND VERFAHREN ZUR IDENTIFIZIERUNG VON NETZWERKVORFÄLLEN, ÜBERLASTUNGSDETEKTION, ANALYSE UND VERWALTUNG

Title (fr)

SYSTÈME ET PROCÉDÉ D'IDENTIFICATION D'INCIDENT DE RÉSEAU, AINSI QUE DE DÉTECTION, D'ANALYSE ET DE GESTION D'ENCOMBREMENT

Publication

EP 3446441 A2 20190227 (EN)

Application

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Abstract (en)

[origin: WO2017184627A2] A system and method for automatic detection of a network incident from real-time network data is disclosed. The method includes: collecting real-time network data; executing performance calculations on the real-time network data to compute performance metrics; and detecting a pattern over a time window, wherein detecting a pattern includes detecting a proportion of metric values crossing a threshold exceeding a defined percentage amount, detecting a presence of a sequence of metric values, detecting a time-ordered stretch of metric values with a length of the time-ordered stretch exceeding a defined threshold, detecting a cyclical presence of a sequence of metric values, or combinations thereof.

IPC 8 full level

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CPC (source: EP)

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Cited by

US11290912B2; US11102102B2; US11706115B2

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Designated extension state (EPC)

BA ME

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WO 2017184627 A2 20171026; **WO 2017184627 A3 20171130**; AU 2017254525 A1 20181025; AU 2017254525 B2 20220310; AU 2022204039 A1 20220630; CA 3020591 A1 20171026; CA 3020591 C 20240220; EP 3446441 A2 20190227; EP 3446441 A4 20190904

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