

Determination of Emergence from Transition Technology Level Indicators

Disclosure Number

201102584

Technology Summary

This enhanced disclosure tracks the emergence of an identified technology from initial discovery (via original scientific and conference literature), through critical discoveries (via original scientific, conference literature and patents), transitioning through Technology Readiness Levels, to ultimately commercial applications. The impact of scholarly works, patents and on-line web news sources are identified during this process. Currently one of the most comprehensive and useful approaches is to search external databases for data associated with a particular technology. The raw data can be confusing and may not provide insight into a trend. What actually is happening is an ad-hoc network is being formed from a variety of sources that when investigated in-total becomes an integrated network. This invention allows the disparate on-line dataset sources to be analyzed. Machine learning techniques are applied as indicators for the TRL transitioning resulting in the acquisition of business intelligence.

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