

Abstract

METHOD AND SYSTEM FOR RISK DETERMINATION IN A FOOD SUPPLY CHAIN

A system and method for determining risk in a food supply chain, comprising a processor and a memory. A risk determination module communicatively coupled to the processor to receive a preliminary set of data from a plurality of data source, identify the trigger event data from the preliminary set of data by machine learning for natural language processing, obtain weather forecast data from the preliminary set of data, compare the identified trigger event data with a geospatial data, compare the identified trigger event data with the weather forecast data, calculate a risk value based on the comparison, and determine risk in the food supply chain by calculating impact percentile of the calculated risk value.

(FIG. 2)