Title (en)
MODELING MULTI-PERIL CATASTROPHE USING A DISTRIBUTED SIMULATION ENGINE

Title (de)
MODELLIERUNG VON MULTIGEFAHR-KATASTROPHEN UNTER VERWENDUNG EINER VERTEILTEN SIMULATIONSMASCHINE

Title (fr)
MODÉLISATION D'UNE CATASTROPHE MULTIRISQUES À L'AIDE D'UN MOTEUR DE SIMULATION DISTRIBUÉ

Publication
EP 3707666 A4 20210804 (EN)

Application
EP 18876251 A 20181108

Priority
• US 201715806697 A 20171108
• US 2018059900 W 20181108

Abstract (en)
[origin: WO2019094646A1] A system for modeling multi-peril catastrophe is provided, comprising a multidimensional timeseries data server configured to create a first dataset by retrieving from memory previously gathered and analyzed data based at least in part on a plurality of perils, and create a second dataset by retrieving from memory synthetically generated data based at least on the plurality of perils; and a directed computational graph service configured to retrieve the first dataset and second dataset from the multidimensional time series data server, and perform graph analysis on the first dataset and second dataset to find links amongst the plurality of perils.

IPC 8 full level
G06Q 40/08 (2012.01); **G06Q 10/04** (2012.01); **G06Q 30/02** (2012.01)

CPC (source: EP)
G06Q 40/08 (2013.01); G06Q 10/04 (2013.01); G06Q 30/0201 (2013.01)

Citation (search report)
• [I] US 2017124662 A1 20170504 - CRABTREE JASON [US], et al
• [I] US 2017124579 A1 20170504 - CRABTREE JASON [US], et al
• See references of WO 2019094646A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2019094646 A1 20190516; AU 2018366208 A1 20200507; EP 3707666 A1 20200916; EP 3707666 A4 20210804

DOCDB simple family (application)
US 2018059900 W 20181108; AU 2018366208 A 20181108; EP 18876251 A 20181108