Title (en)

ITERATIVE FEATURE SELECTION METHODS

Title (de)

ITERATIVE MERKMALSAUSWAHLVERFAHREN

Title (fr)

PROCÉDÉS DE SÉLECTION DE CARACTÉRISTIQUES ITÉRATIVES

Publication

EP 3646207 A4 20210407 (EN)

Application

EP 17915904 A 20170628

Priority

US 2017039812 W 20170628

Abstract (en)

[origin: WO2019005049A1] Feature selection methods and processes that facilitate reduction of model components available for iterative modeling. It has been discovered that methods of eliminating model components that do not meaningfully contribute to a solution can be preliminarily discovered and discarded, thereby dramatically decreasing computational requirements in iterative programming techniques. This development unlocks the ability of iterative modeling to be used to solve complex problems that, in the past, would have required computation time on orders of magnitude too great to be useful.

IPC 8 full level

G06N 3/12 (2006.01); **G06K 9/62** (2006.01); **G06N 20/00** (2019.01); G06N 3/08 (2006.01)

CPC (source: EP US)

G06F 18/214 (2023.01 - EP); **G06N 3/126** (2013.01 - EP US); **G06N 20/00** (2018.12 - EP); G06N 3/082 (2013.01 - EP); G06N 3/086 (2013.01 - EP)

Citation (search report)

- [I] WO 2007147166 A2 20071221 - QUANTUM LEAP RES INC [US], et al
- [A] US 7236911 B1 20070626 - GOUGH ROSS E [US], et al
- See references of WO 2019005049A1

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 2019005049 A1 20190103; EP 3646207 A1 20200506; EP 3646207 A4 20210407; JP 2020525939 A 20200827; JP 6741888 B1 20200819

DOCDB simple family (application)

US 2017039812 W 20170628; EP 17915904 A 20170628; JP 2019572105 A 20170628