

Title (en)  
MODEL INTERPRETATION

Title (de)  
MODELLINTERPRETATION

Title (fr)  
INTERPRÉTATION DE MODÈLE

Publication  
**EP 3782079 A4 20220119 (EN)**

Application  
**EP 19788527 A 20190408**

Priority  
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Abstract (en)  
[origin: WO2019204072A1] Input data associated with a machine learning model is classified into a plurality of clusters. A plurality of linear surrogate models are generated. One of the plurality of linear surrogate models corresponds to one of the plurality of clusters. A linear surrogate model is configured to output a corresponding prediction based on input data associated with a corresponding cluster. Prediction data associated with the machine learning model and prediction data associated with the plurality of linear surrogate models are outputted.

IPC 8 full level  
**G06N 5/04** (2006.01); **G06N 5/00** (2006.01); **G06N 7/00** (2006.01); **G06N 20/20** (2019.01)

CPC (source: EP)  
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Citation (search report)  
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• [A] US 2003212520 A1 20031113 - CAMPOS MARCOS M [US], et al  
• [X] HALL PATRICK ET AL: "Machine Learning Interpretability with H2O Driverless AI", 17 April 2018 (2018-04-17), XP055871801, Retrieved from the Internet <URL:https://web.archive.org/web/20180417181338if\_/http://docs.h2o.ai:80/driverless-ai/latest-stable/docs/booklets/MLIBooklet.pdf> [retrieved on 20211210]  
• See also references of WO 2019204072A1

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

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SG 11202009599S A 20201029

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**US 2019026331 W 20190408**; CN 201980026981 A 20190408; EP 19788527 A 20190408; SG 11202009599S A 20190408