Title (en)

CONTINUOUS LEARNING FOR THE AUTOMATIC DETECTION OF FRAUD ON AN ACCESSIBLE SERVICE ON A TELECOMMUNICATIONS NETWORK

Title (de)

KONTINUIERLICHES LERNEN ZUR AUTOMATISCHEN DETEKTION VON BETRUG AUF EINEM ZUGÄNGLICHEN DIENST IN EINEM TELEKOMMUNIKATIONSNETZ

Title (fr)

APPRENTISSAGE EN CONTINU POUR LA DÉTECTION AUTOMATIQUE DE FRAUDES SUR UN SERVICE ACCESSIBLE SUR RÉSEAU DE TÉLÉCOMMUNICATION

Publication

EP 4028954 A1 20220720 (FR)

Application

EP 20767562 A 20200910

Priority

- FR 1909923 A 20190910
- EP 2020075264 W 20200910

Abstract (en)

[origin: WO2021048245A1] Device (14) for the automatic detection of fraud in a stream (13) of transactions sent to a service (11) available on a telecommunications network, comprising means for training a set of predictive models (16) on a learning set, in which the learning set is made up of a set of segments, each made up of associations between a transaction and a label representing an actual class for the transaction; and, the means being configured to incrementally update a set of predictive models configured to automatically detect fraud by, for each of the segments, duplicating an existing predictive model and training it on the segment.

IPC 8 full level

G06N 3/04 (2006.01); **G06N 3/08** (2006.01); **G06Q 20/40** (2012.01)

CPC (source: EP)

G06N 3/045 (2023.01); **G06N 3/084** (2013.01); **G06Q 20/4016** (2013.01); **H04L 63/1416** (2013.01); G06N 20/20 (2018.12)

Citation (search report)

See references of WO 2021048245A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3100643 A1 20210312; **FR 3100643 B1 20230303**; EP 4028954 A1 20220720; WO 2021048245 A1 20210318

DOCDB simple family (application)

FR 1909923 A 20190910; EP 2020075264 W 20200910; EP 20767562 A 20200910