

Title (en)

DATA-PROCESSING DEVICE WITH REPRESENTATION OF VALUES BY TIME INTERVALS BETWEEN EVENTS

Title (de)

DATENVERARBEITUNGSVORRICHTUNG MIT DARSTELLUNG VON WERTEN DURCH ZEITINTERVALLE ZWISCHEN EREIGNISSEN

Title (fr)

DISPOSITIF DE TRAITEMENT DE DONNÉES AVEC REPRÉSENTATION DE VALEURS PAR DES INTERVALLES DE TEMPS ENTRE ÉVÉNEMENTS

Publication

EP 3323090 A1 20180523 (FR)

Application

EP 16750928 A 20160706

Priority

- FR 1556659 A 20150713
- FR 2016051717 W 20160706

Abstract (en)

[origin: WO2017009543A1] The invention relates to a data-processing device including a set of processing nodes (21, 23, 25, 42, 44, 47, 48, 50) and connections between said nodes. Each connection (22, 24, 41, 43, 45, 46, 49, 51) is configured to transmit events sent by a transmitting node to a receiving node. Each node is arranged to vary a respective potential value as a function of events received thereby and to output an event when the potential value reaches a predetermined threshold. At least one input quantity of the data-processing device is represented by a time interval between two events received by at least one node, and at least one output quantity of the data-processing device is represented by a time interval between two events output by at least one node.

IPC 8 full level

G06N 3/04 (2006.01)

CPC (source: EP KR US)

G06F 17/13 (2013.01 - US); **G06N 3/048** (2023.01 - US); **G06N 3/049** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2017009543A1

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)

WO 2017009543 A1 20170119; CA 2992036 A1 20170119; CN 108369660 A 20180803; EP 3323090 A1 20180523; FR 3038997 A1 20170120; IL 256813 A 20180329; JP 2018529143 A 20181004; JP 6732880 B2 20200729; KR 20180077148 A 20180706; US 2018357527 A1 20181213

DOCDB simple family (application)

FR 2016051717 W 20160706; CA 2992036 A 20160706; CN 201680045376 A 20160706; EP 16750928 A 20160706; FR 1556659 A 20150713; IL 25681318 A 20180109; JP 2018501204 A 20160706; KR 20187001017 A 20160706; US 201615743642 A 20160706