

Title (en)

METHOD FOR THE COMPUTER-AIDED STUDYING OF A NEURAL NETWORK, AND NEURAL NETWORK

Title (de)

VERFAHREN ZUM RECHNERGESTÜTZTEN LERNEN EINES NEURONALEN NETZES UND NEURONALES NETZ

Title (fr)

PROCEDE D'APPRENTISSAGE ASSISTE PAR ORDINATEUR D'UN RESEAU NEURONAL, ET RESEAU NEURONAL CORRESPONDANT

Publication

EP 1934895 A2 20080625 (DE)

Application

EP 06806783 A 20060920

Priority

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- DE 102005046747 A 20050929

Abstract (en)

[origin: DE102005046747B3] The method involves dividing the neurons of a neural network (1) into two interlaced layers (L1,L2). The first layer stores feature instances represented by the input data. The second layer stores majority of categories covering the neurons in the second layer. Each category in second layer is assigned to each feature instance in the first layer. The varying state of the neural network is determined based on the categories with assigned feature instances after entering the input data. The cross-links between first and second layer is changed based on the determined state of the neural network. An independent claim is included for the neural network.

IPC 8 full level

G06N 3/08 (2006.01)

CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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