

Title (en)

MULTIVARIATE, PREDICTIVE REGULATION OF A DIRECT REDUCTION PROCESS

Title (de)

MULTIVARIATE, PRÄDIKTIVE REGELUNG EINES DIREKTREDUKTIONSPROZESSES

Title (fr)

REGLAGE PREDICTIF, MULTIDIMENSIONNEL D'UN PROCESSUS DE REDUCTION DIRECTE

Publication

EP 1593090 B1 20090520 (DE)

Application

EP 04709993 A 20040211

Priority

- EP 2004001275 W 20040211
- DE 10306024 A 20030213

Abstract (en)

[origin: US2006149694A1] For the prognosis of a value of a characteristic of a product which is to be produced with the aid of a neuronal network, the history of the product is taken into account when determining an input variable of an input neuron of the neuronal network.

IPC 8 full level

G06N 3/02 (2006.01); **C21B 13/02** (2006.01); **F27B 1/20** (2006.01); **F27B 1/26** (2006.01); **F27D 19/00** (2006.01)

CPC (source: EP US)

C21B 13/02 (2013.01 - EP US); **F27B 1/20** (2013.01 - EP US); **F27B 1/26** (2013.01 - EP US); **F27D 19/00** (2013.01 - EP US);
C21B 2300/04 (2013.01 - EP US)

Citation (examination)

DUHOUX M. ET AL: "Improved Long-Term Temperature Prediction by Chaining of Neural Networks", INTERNATIONAL JOURNAL OF NEURAL SYSTEMS, 1 February 2001 (2001-02-01), SINGAPORE, SG, pages 1 - 10, XP002352477

Designated contracting state (EPC)

AT DE FI IT

DOCDB simple family (publication)

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DE 502004009504 D1 20090702; EP 1593090 A2 20051109; EP 1593090 B1 20090520; MX PA05008624 A 20051104;
RU 2005128510 A 20060610; RU 2346327 C2 20090210; WO 2004072309 A2 20040826; WO 2004072309 A3 20041229

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