

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 A2 20051109 (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 1-7

**G06N 3/02**

IPC 8 full level

**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 (search report)

See references of WO 2004072309A2

Designated contracting state (EPC)

AT DE FI IT

DOCDB simple family (publication)

**US 2006149694 A1 20060706; US 7634451 B2 20091215**; AT E431952 T1 20090615; DE 10306024 B3 20040506;  
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

DOCDB simple family (application)

**US 54566905 A 20050815**; AT 04709993 T 20040211; DE 10306024 A 20030213; DE 502004009504 T 20040211; EP 04709993 A 20040211;  
EP 2004001275 W 20040211; MX PA05008624 A 20040211; RU 2005128510 A 20040211