

Title (en)

NON LINEAR MULTIVARIATE INFRARED ANALYSIS METHOD

Title (de)

NICHTLINEARE MULTIVARIABLE INFRAROT ANALYSEMETHODE

Title (fr)

METHODE D'ANALYSE INFRAROUGE NON LINEAIRE A PLUSIEURS VARIABLES

Publication

EP 0801737 A4 19990331 (EN)

Application

EP 95943410 A 19951213

Priority

- US 9516129 W 19951213
- US 35497694 A 19941213
- US 56761395 A 19951205

Abstract (en)

[origin: WO9618881A1] Research octane number (RON), or other physical or chemical properties or composition data, of a test sample is obtained by infrared spectral analysis of the test sample and a calibration sample set. The determination of the above properties is improved by using the spectrum of the test sample, a linear prediction model, and a nonlinear correction to the linear prediction model.

IPC 1-7

G01N 21/35; G01J 3/457

IPC 8 full level

G01N 21/27 (2006.01); **G01N 21/35** (2006.01)

CPC (source: EP)

G01N 21/3577 (2013.01)

Citation (search report)

- [DA] EP 0305090 A2 19890301 - BP OIL INT [GB]
- [A] US 5337140 A 19940809 - HAGIWARA TAKASHI [JP], et al
- See references of WO 9618881A1

Designated contracting state (EPC)

DE DK FR GB IT NL

DOCDB simple family (publication)

WO 9618881 A1 19960620; AU 4468596 A 19960703; AU 689016 B2 19980319; CA 2208216 A1 19960620; CA 2208216 C 20070313; EP 0801737 A1 19971022; EP 0801737 A4 19990331; JP 3671241 B2 20050713; JP H10512667 A 19981202

DOCDB simple family (application)

US 9516129 W 19951213; AU 4468596 A 19951213; CA 2208216 A 19951213; EP 95943410 A 19951213; JP 51922496 A 19951213