

Title (en)
METHOD FOR MEASURING OILS OR FATS

Title (de)
VERFAHREN ZUM MESSEN VON ÖLEN ODER FETTEN

Title (fr)
PROCEDE DE MESURE D'HUILES OU DE GRAISSES

Publication
EP 1676131 A2 20060705 (DE)

Application
EP 04791303 A 20041025

Priority
• EP 2004052651 W 20041025
• DE 10349741 A 20031023

Abstract (en)
[origin: WO2005040788A2] Disclosed is a method for measuring at least one state characteristic of oil or fat in a device that uses oil or fat and is provided with a filtering apparatus (1; 101) comprising a filter housing (2) and at least one filter element (7) which is inserted therein. According to said method, at least one sensor (35, 36; 135; 235) of a measuring device (30; 130; 230) is introduced into a measurement space (8; 208) located in the oil or fat circuit in order to measure at least one state characteristic of the oil or fat, and the measured values thereof are evaluated using measuring electronics (32; 132) that are connected to the at least one sensor (35, 36; 135; 235). The inventive method is characterized in that a microfilter element, ultrafilter element, or nanofilter element (7) is used as a filter element. Also disclosed are a corresponding filtering apparatus (1) and a correspondingly configured measuring device (130).

IPC 1-7
G01N 33/28; G01N 33/03

IPC 8 full level
G01N 33/03 (2006.01); **G01N 33/28** (2006.01)

CPC (source: EP US)
G01N 33/03 (2013.01 - EP US); **G01N 33/2888** (2013.01 - EP US)

Citation (search report)
See references of WO 2005040788A2

Citation (examination)
DD 980522 T1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005040788 A2 20050506; WO 2005040788 A3 20050811; DE 10349741 A1 20050602; EP 1676131 A2 20060705; JP 2007509335 A 20070412; US 2007040559 A1 20070222; US 7523646 B2 20090428

DOCDB simple family (application)
EP 2004052651 W 20041025; DE 10349741 A 20031023; EP 04791303 A 20041025; JP 2006536099 A 20041025; US 57688604 A 20041025