

Title (en)

DEVICE FOR DETERMINING AND/OR MONITORING THE VISCOSITY OF A MEDIUM IN A CONTAINER

Title (de)

VORRICHTUNG ZUR BESTIMMUNG UND/ODER ÜBERWACHUNG DER VISKOSITÄT EINES MEDIUMS IN EINEM BEHÄLTER

Title (fr)

DISPOSITIF POUR DETERMINER ET/OU CONTROLER LA VISCOSITE D'UN FLUIDE DANS UN RESERVOIR

Publication

EP 1325301 A2 20030709 (DE)

Application

EP 01978323 A 20010830

Priority

- DE 10050299 A 20001010
- EP 0110009 W 20010830

Abstract (en)

[origin: DE10050299A1] The arrangement has a vibrating unit (2), which is arranged in a defined measurement position within a container. The stimulation and reception unit (4,5,6) excites the vibrating unit and receives the vibrations of the vibrating unit. The control and evaluation unit (8) determines the viscosity of the medium using the frequency-phase-curve of the vibrating unit.

IPC 1-7

G01N 11/16

IPC 8 full level

G01N 11/16 (2006.01)

CPC (source: EP)

G01N 11/16 (2013.01)

Citation (search report)

See references of WO 0231471A2

Citation (examination)

- US 4996656 A 19910226 - HEDRICK GEOFFREY S M [US]
- US 4920787 A 19900501 - DUAL JURG [CH], et al
- US 4005599 A 19770201 - SCHLATTER GERALD L, et al

Cited by

DE102008050445A1; DE102008054945A1; DE102008043764A1; WO2012089438A1; DE102010064394A1; DE102008032887A1; DE102008050326A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

DE 10050299 A1 20020411; AU 1047302 A 20020422; CN 1468370 A 20040114; EP 1325301 A2 20030709; JP 2004511771 A 20040415; WO 0231471 A2 20020418; WO 0231471 A3 20021010

DOCDB simple family (application)

DE 10050299 A 20001010; AU 1047302 A 20010830; CN 01817126 A 20010830; EP 0110009 W 20010830; EP 01978323 A 20010830; JP 2002534806 A 20010830