

Title (en)
REFRACTOMETER

Title (de)
REFRAKTOMETER

Title (fr)
REFRACTOMETRE

Publication
EP 1285254 A1 20030226 (DE)

Application
EP 01943151 A 20010518

Priority
• DE 0101992 W 20010518
• DE 10025789 A 20000519

Abstract (en)
[origin: WO0188506A1] The invention relates to a refractometer comprising a measuring prism on the measuring surface of which a sample to be studied can be applied. Said sample can be illuminated by means of a light beam produced by a light source under such an angle range that the critical angle for total reflection is contained in said range. The refractometer also comprises a receiver for receiving the reflected light, an optical element decomposing said reflected light into a colour spectrum being placed in the beam path of the reflected light, between the measuring surface and the receiver.

IPC 1-7
G01N 21/43

IPC 8 full level
G01N 21/43 (2006.01)

CPC (source: EP US)
G01N 21/43 (2013.01 - EP US); **G01N 2021/438** (2013.01 - EP US)

Citation (search report)
See references of WO 0188506A1

Designated contracting state (EPC)
AT BE CH CY DE FR GB IT LI

DOCDB simple family (publication)
WO 0188506 A1 20011122; DE 10025789 A1 20011122; EP 1285254 A1 20030226; US 2003156278 A1 20030821; US 6876444 B2 20050405

DOCDB simple family (application)
DE 0101992 W 20010518; DE 10025789 A 20000519; EP 01943151 A 20010518; US 27665102 A 20021217