Method of and system for identification or estimation of a refractive index of a liquid

This invention relates to a method of and a system (100) for identification or estimation of a refractive index of a liquid (120) comprising a light receiving part (111) adapted to receive polarised or non-polarised light (125, 135), a light emitting part (112) adapted, during use, to transmit light (130), an optical structure (110) being adapted to receive, during use, polarised light (125) via or from the light receiving part (111), and being adapted to receive, during use, a liquid (120) having a predetermined refractive index to be identified or estimated, and a first polariser (115) adapted, during use, to receive transmitted light (132) from the optical structure (110) and the received liquid (120), wherein the light receiving part (111), the received liquid (120), the first polariser (115), and the light emitting part (112) defines an optical path and wherein the system (100) is adapted, during use, to pass the received light (135) through the optical path so that a narrow wavelength range of the transmitted light (130) is influenced by the predetermined refractive index of the received liquid (120) and that the influenced narrow wavelength range, when observed by a user and/or captured by an image capturing unit (501), enables identification or estimation of the predetermined refractive index of the liquid (120). In this way, a method and a system for identification or estimation of a refractive index of a liquid is readily provided.

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Contributors: Kristensen, A., Hermannsson, P. G., Vannahme, C., Smith, C.
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