

Title (en)

OPTICAL DETECTOR FOR THE PRESENCE OF GAS BUBBLES IN A LIQUID

Title (de)

OPTISCHE VORRICHTUNG ZUM FESTSTELLEN DER ANWESENHEIT VON GASBLASEN IN EINER FLÜSSIGKEIT

Title (fr)

DISPOSITIF OPTIQUE POUR DETECTER LA PRESENCE DE BULLES DE GAZ DANS UN LIQUIDE

Publication

**EP 1565717 A2 20050824 (FR)**

Application

**EP 03789495 A 20031125**

Priority

- FR 0303480 W 20031125
- FR 0214805 A 20021126

Abstract (en)

[origin: FR2847670A1] A light source (1) has a lighting zone (4) which intersects the vision zone (5) of a light detector (2) to give a bubble detection zone (3). A processor (6) compares successive luminous intensity measurements and increments/decrements a counter according to whether a threshold is exceeded. When the counter exceeds a further threshold a warning signal to the user system is initiated An Independent claim is also included for: Equipment for detecting gas bubbles in liquid which includes light source and light detector and a control and processing unit able to compare successive luminous intensity measurements and increment/decrement a counter

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**G01M 3/38**

IPC 8 full level

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