

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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