

Title (en)

WARNING METHOD, SYSTEM AND DEVICE BASED ON TRANSMISSION OF ACOUSTIC SIGNALS

Title (de)

WARNVERFAHREN, -SYSTEM UND -EINRICHTUNG AUF DER GRUNDLAGE DER ÜBERTRAGUNG AKUSTISCHER SIGNALE

Title (fr)

PROCEDE, SYSTEME ET DISPOSITIF D'ALARME BASE SUR L'EMISSION DE SIGNAUX ACOUSTIQUES

Publication

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Application

**EP 01928041 A 20010424**

Priority

- FR 0101247 W 20010424
- FR 0005301 A 20000426

Abstract (en)

[origin: WO0181947A1] The invention concerns a warning system to help preventing drowning accidents. The system comprises at least a sonar (1). Each sonar (1) comprises at least a transmission antenna and a reception antenna having transmission (4) and reception (5) apertures. The sonar (1) is a parametric sonar with high spatial directive gain along said transmission (4) and/or reception (5) apertures. The angular opening of the transmission (17) and/or reception (18) lobes of said transmission and/or reception antennae is of the order of one degree or less than one degree. The system comprises a processing calculator. The sonar (1) comprises amplifier means and transmission means for amplifying and transmitting the electric signals coming from said reception antenna.

IPC 1-7

**G01S 15/88**; **G01S 15/10**

IPC 8 full level

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CPC (source: EP US)

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