

Title (en)
Submarine

Title (de)
U-Boot

Title (fr)
Sous-marin

Publication
EP 1266823 B1 20070509 (DE)

Application
EP 02004155 A 20020226

Priority
DE 10128973 A 20010615

Abstract (en)
[origin: DE10128973C1] The submarine has a hull (10) provided with an outer skin (12) having a number of omnidirectional reception hydrophones (16), coupled to a signal processing device (17) for location of a torpedo from the sound pulses emitted by the latter. The hydrophones are directly attached to the outer skin in a defined pattern across the hull, with location of the torpedo from the propagation time differences between the received signals.

IPC 8 full level
B63G 8/39 (2006.01); **B63G 9/02** (2006.01)

CPC (source: EP)
B63G 8/39 (2013.01)

Cited by
CN102582808A; DE102019212636A1; AU2020335136B2; CN106644043A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1266823 A2 20021218; EP 1266823 A3 20031112; EP 1266823 B1 20070509; AT E361872 T1 20070615; AU 4445802 A 20021219; AU 784786 B2 20060622; DE 10128973 C1 20020725; DE 50210101 D1 20070621; ES 2283478 T3 20071101; PT 1266823 E 20070717

DOCDB simple family (application)
EP 02004155 A 20020226; AT 02004155 T 20020226; AU 4445802 A 20020530; DE 10128973 A 20010615; DE 50210101 T 20020226; ES 02004155 T 20020226; PT 02004155 T 20020226