

Title (en)
NAVAL HULL-MOUNTED SONAR FOR NAVAL SHIP

Title (de)
RUMPFSONAR FÜR SEESCHIFF

Title (fr)
SONAR DE COQUE POUR BATIMENT NAVAL

Publication
EP 1356450 B1 20061102 (FR)

Application
EP 01999938 A 20011130

Priority
• FR 0103797 W 20011130
• FR 0015993 A 20001208

Abstract (en)
[origin: WO0247065A1] The invention concerns a hull-mounted sonar for a naval ship. It consists in associating a transmitter (20) formed of cylindrical rings (201) with a receiver formed of at least two hydrophone sets (210) distributed on two transparent cylindrical surfaces (211) coaxial to the transmitter. It enables to reduce the weight and the total volume of the antenna and to eliminate the influence of the Q factor.

IPC 8 full level
G10K 1/00 (2006.01); **G10K 11/00** (2006.01)

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Cited by
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WO 0247065 A1 20020613; AU 2208802 A 20020618; DE 60124314 D1 20061214; DE 60124314 T2 20070531; EP 1356450 A1 20031029; EP 1356450 B1 20061102; FR 2818081 A1 20020614; FR 2818081 B1 20030411; NO 20032607 D0 20030610; NO 20032607 L 20030610; RU 2003120448 A 20050220; US 2004052160 A1 20040318; US 6856580 B2 20050215

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