

Title (en)
Device for preventing the detection by radar of flat superstructures of ships

Title (de)
Vorrichtung zum Verhindern der Erkennung von flachen Aufbauten von Schiffen

Title (fr)
Dispositif antidétection par radar d'une superstructure aplatie de navire

Publication
EP 1245485 A1 20021002 (FR)

Application
EP 02290749 A 20020326

Priority
FR 0104320 A 20010330

Abstract (en)
The radar deflector for a marine vessel has a frusto-conical casing attached to the superstructure of the vessel to reflect the radar waves. The lower edge of the casing (6) has a gusset (7). The angled surfaces of the casing reflect the radar waves in a different direction from the incident angle. The height of the casing and gusset is less than the length of the missile well doors which they cover.

Abstract (fr)
Dispositif antidétection par radar d'une superstructure aplatie de navire. Selon l'invention, on prévoit un dispositif enveloppant ladite superstructure et apte à réfléchir les ondes électromagnétiques, ledit dispositif comportant un cadre (6) en pyramide tronquée et un filet (7) recouvrant la petite base dudit cadre (6). <IMAGE>

IPC 1-7
B63G 13/02

IPC 8 full level
B63G 13/02 (2006.01); **F41H 3/02** (2006.01); **H01Q 17/00** (2006.01)

CPC (source: EP US)
B63G 13/02 (2013.01 - EP US)

Citation (search report)
• [A] WO 0109562 A1 20010208 - TENIX DEFENCE SYSTEMS PTY LTD [AU], et al
• [A] US 4323605 A 19820406 - RUSH CHARLES R
• [X] MRAZ S J: "STEALTH STALKS THE HIGH SEAS. THE SEA WRAITH COMBINES SEVERAL STEALTH TECHNOLOGIES WITH THE LATEST ADVANCES IN WEAPON AND HULL DESIGN", MACHINE DESIGN, PENTON, INC. CLEVELAND, US, vol. 69, no. 10, 22 May 1997 (1997-05-22), pages 40,42,44, XP000725016, ISSN: 0024-9114
• [A] DATABASE WPI Section PQ Week 199835, Derwent World Patents Index; Class Q79, AN 1998-412225, XP002187151

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