

Title (en)
HULL CONFIGURATION

Publication
EP 0134767 B1 19870325 (EN)

Application
EP 84850227 A 19840718

Priority
• NO 832617 A 19830719
• NO 840609 A 19840220

Abstract (en)
[origin: EP0134767A1] A hull configuration of the displacement type providing improved deadweight tonnage, transverse stability and seagoing properties, and a reduced longitudinal moment of bending, wherein the waterlines (dwl, 1, 2, 3) are formed as squarely cut off, approximately harmonic sine waves with extremity points at about the hull's forward and aft ends, and where the base lines (0dwl, 01, 02, 03) of the waterlines below the design waterline (dwl) are displaced in the direction of forward propulsion such that an approximately oblique plane (s) through the waterlines' base lines (0dwl, 01, 02, 03) forms the termination of the stern half of the hull. Mounted below the oblique plane (s) is a horizontal, transversely positioned, fixed or rotatable support plane (p) provided with several propulsion units (f) at the forward or aft edge of the support plane. The hull's design waterline (dwl) has its areal center of gravity (LCF) about 0.2 L astern of L/2, and the distance between the areal center of gravity (LCF) and the hull's volumetric center of gravity (LCB) to the design waterline (dwl) is about 0.075 L or larger. The hull parameter $e = cp/cdwl$ is about 1 or greater than 1 and the length/breadth ratio L/B of the design waterline is about 2 or greater than 2.

IPC 1-7
B63B 1/04

IPC 8 full level
B63B 1/04 (2006.01)

IPC 8 main group level
B63B (2006.01)

CPC (source: EP KR)
B63B 1/04 (2013.01 - EP); **B63B 1/32** (2013.01 - KR); **B63B 2001/066** (2013.01 - EP)

Cited by
RU2493039C1; AU717548B2; US5711239A; CN105416505A; US5701835A; GB2324277A; GB2324277B; EP0678445A1; US5598802A; AU693858B2; CN1050102C; WO9724255A1; WO9724254A1; WO2005012075A1; WO9729940A1; WO0007872A1; WO2011097686A1; WO9724256A1; WO9724253A1

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