

Title (en)
MARINE PROPULSION SYSTEM

Title (de)
SCHIFFSANTRIEB

Title (fr)
SYSTEME DE PROPULSION NAVALE

Publication
EP 1355822 B1 20040804 (DE)

Application
EP 02706725 A 20020121

Priority
• DE 10104680 A 20010202
• EP 0200562 W 20020121

Abstract (en)
[origin: US2006046587A1] The present invention relates to a vessel propulsion system and, more specifically, to a vessel propulsion system with improved efficiency and which leads to reduced wave formation, which comprises a propulsion device immersed at least partially in water and which rotates about at least one axis of rotation essentially extending perpendicularly to the propulsion device, as well as a cover partially enclosing the propulsion device, whereby the cover and the propulsion device together form a water conveying flow channel when the propulsion device is operated.

IPC 1-7
B63H 1/04

IPC 8 full level
B63H 1/04 (2006.01); **B63H 5/02** (2006.01); **B63H 1/38** (2006.01)

CPC (source: EP KR US)
B63H 1/04 (2013.01 - EP KR US); **B63H 5/02** (2013.01 - EP US); **B63H 1/38** (2013.01 - EP US)

Cited by
DE102005005142A1; DE102005005142B4

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)
US 2006046587 A1 20060302; **US 7040941 B2 20060509**; AT E272529 T1 20040815; AU 2002240916 B2 20050616; CN 1289350 C 20061213; CN 1496317 A 20040512; DE 10104680 A1 20020404; DE 50200751 D1 20040909; DK 1355822 T3 20041011; EE 200300358 A 20040415; EP 1355822 A1 20031029; EP 1355822 B1 20040804; ES 2225759 T3 20050316; HK 1060337 A1 20040806; JP 2004532151 A 20041021; KR 100521519 B1 20051012; KR 20030096253 A 20031224; NO 20033420 D0 20030730; NO 20033420 L 20031002; NO 336075 B1 20150504; PL 201796 B1 20090529; PL 367784 A1 20050307; PT 1355822 E 20041130; WO 02062658 A1 20020815; ZA 200305937 B 20040901

DOCDB simple family (application)
US 63215303 A 20030801; AT 02706725 T 20020121; AU 2002240916 A 20020121; CN 02806519 A 20020121; DE 10104680 A 20010202; DE 50200751 T 20020121; DK 02706725 T 20020121; EE P200300358 A 20020121; EP 0200562 W 20020121; EP 02706725 A 20020121; ES 02706725 T 20020121; HK 04102973 A 20040427; JP 2002562627 A 20020121; KR 20037010249 A 20030802; NO 20033420 A 20030730; PL 36778402 A 20020121; PT 02706725 T 20020121; ZA 200305937 A 20030731